

## Hepatitis A Virus Cellular Receptor 2 Human Recombinant, Sf9

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Item Number</b>                       | rAP-5210                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>                          | Hepatitis A virus cellular receptor 2, HAVCR2, Hepatitis A virus cellular receptor 2, HAVcr-2, T-cell immunoglobulin and mucin domain-containing protein 3, TIMD-3, T-cell immunoglobulin mucin receptor 3, TIM-3, T-cell membrane protein 3, TIM3, TIMD3, KIM-                                                                                                                                                                      |
| <b>Description</b>                       | Recombinant Human HAVCR2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 423 amino acids (aa 22-202) and having a molecular mass of 47.3kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). HAVCR2 is fused to a 239 amino acid hlgG-His-tag at                                                                                                                        |
| <b>Uniprot Accession Number</b>          | Q8TDQ0                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Amino Acid Sequence</b>               | ADLSEVEYRA EVGQNAYLPC FYTPAAPGNL VPVCWKGKAC PVFECGNVVL RTDERDVNYW TSTRY-WLNGDF RKGDVSLTIE NVTLADSGIY CCRIQIPGIM NDEKFNLKLV IKPAKVTPAP TRQRDFTAAF PRM-LTTRGHG PAETQTLGSL PDINLTQIST LANELRDSRL ANDLRDSGAT IRIGLEPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL |
| <b>Source</b>                            | Sf9, Baculovirus cells.                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Physical Appearance and Stability</b> | Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.                                                                                                                                                            |
| <b>Formulation and Purity</b>            | The HAVCR2 solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                             |
| <b>Application</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Solubility</b>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Biological Activity</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.                                                                                                                                                                                                                                                                                                                                                                                              |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**