

## Speckle-Type POZ Protein Human Recombinant

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| <b>Item Number</b>                       | rAP-4156                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>                          | Speckle-type POZ protein, HIB homolog 1, Roadkill homolog 1, SPOP, TEF2.                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>                       | SPOP Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 394 amino acids (1-374 a.a.) and having a molecular mass of 44.3kDa. The SPOP is purified by proprietary chromatographic techniques.                                                                                                                                              |
| <b>Uniprot Accession Number</b>          | O43791                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MSRVSPPPP AEMSSGPVAE SWCYTQIKVV KFSYMWTTNN<br>FSFCREEMGE VIKSSTFSSG ANDKLKWCLR VNP KGLDEES KDYLSLYLLL VSCP KSEVRA<br>KFKFSILNAK GEETKAMESQ RAYRFVQGD WGFKKFIRRD FLLDEANGLL PDDKLT-<br>LFCEVSVVQDSVNI SGQNTMNMVK VPECRLADEL GGLWENS RFT DCCLCVAGQE FQAHKAILAA<br>RSPVFSAMFE HEMEESKKNR VEINDVEPEV FKEMMCFIYT GKAPNLDKMA DLLLAAADKY ALERL-<br>KVMCE DALCSNLSVE NAAEILILAD LHSADQLKTQ AVDFINYHAS DVLETSGWKS MVSHPHLVA |
| <b>Source</b>                            | Escherichia Coli.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Physical Appearance and Stability</b> | SPOP is supplied as a 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 SPOP solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 50% glycerol, 0.2M NaCl and 2mM EDTA. Greater than 90.0% 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**