

## Melanoma Antigen Family D, 1 Human Recombinant

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| <b>Item Number</b>                       | rAP-3568                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>                          | MAGED1, Melanoma Antigen Family D 1, Neurotrophin Receptor-Interacting, MAGE Homolog, NRAGE, MAGE Tumor Antigen CCF, MAGE-D1 Antigen, DLXIN-1, Melanoma-Associated Antigen D1.                                                                                                                                                   |
| <b>Description</b>                       | MAGED1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 280 amino acids (504-760 a.a) and having a molecular mass of 31.7kDa. MAGED1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.                                      |
| <b>Uniprot Accession Number</b>          | Q9Y5V3                                                                                                                                                                                                                                                                                                                           |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSLRPSNS RASQNPAAQ PRDVALLQER ANKLVKYLML<br>KDYTKVPIKR SEMLRDIIRE YTDVYPEIIE RACFVLEKKF GIQLKEIDKE EHLYILISTP ESLAGILGTT<br>KDTPKLGLLL VILGVIFMNG NRASEAVLWE ALRKMGLRPG VRHPLLGLDLR KLLTYEFVKQ<br>KYLDYRRVPN SNPPEYEFLW GLRSYHETSK MKVLRFIAEV QKRDPDWDWA QFMEAADAL DAL-<br>DAAAAEA EARAEARTRM GIGDEAVSGP. |
| <b>Source</b>                            | E.coli.                                                                                                                                                                                                                                                                                                                          |
| <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>            | MAGED1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT. 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**