

## Product datasheet for **TP503849**

### Asgr1 (NM\_009714) Mouse Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Mouse asialoglycoprotein receptor 1 (Asgr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug   |
| Species:                              | Mouse  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >MR203849 representing NM_009714<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MTKDYQDFQHLDNDNDHHQLRRGPPPTPRLLQRLCSGSRLLLSSLSILLVWCVITSQNSQLREDLL<br>ALRQNFNLTVSTEDQVKALSTQGSSVGRKMKLVESKLEKQKDLTEDHSSLLHVKQLVSDVRSLSQCM<br>AAFRGNGSERTCCPINWVEYEGSCYWFSSSRPWTEADKYCQLENAHLVWVTSRDEQNFLQRHMGPLNTW<br>IGLTDQNGPWKWVDGTDYETGFQNRPEQPDNWWYGHGLGGGEDCAHFTTDGRWNDDVCRRPYRWVCETKLDKAN<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-MYC/DDK  |
| Predicted MW:                         | 33 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| Storage:                              | Store at -80°C after receiving vials.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| RefSeq:                               | <a href="#">NP_033844</a>  |
| Locus ID:                             | 11889  |
| UniProt ID:                           | <a href="#">P34927</a>   |



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**RefSeq Size:** 1245

**Cytogenetics:** 11 42.98 cM

**RefSeq ORF:** 852

**Synonyms:** ASGPR1; Asgr; Asgr-1; HL-1

**Summary:** Mediates the endocytosis of plasma glycoproteins to which the terminal sialic acid residue on their complex carbohydrate moieties has been removed. The receptor recognizes terminal galactose and N-acetylgalactosamine units. After ligand binding to the receptor, the resulting complex is internalized and transported to a sorting organelle, where receptor and ligand are disassociated. The receptor then returns to the cell membrane surface.[UniProtKB/Swiss-Prot Function]