

Human ASGR1 Protein



Cat. No. ASG-HM2R1

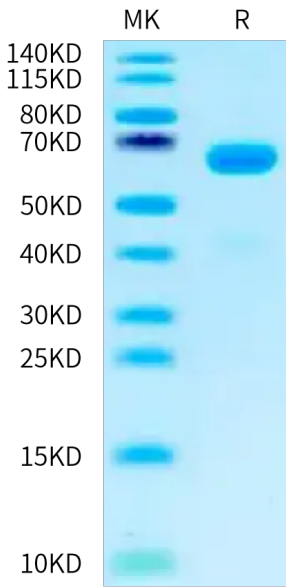
| Description | |
|------------------|---|
| Source | Recombinant Human ASGR1 Protein is expressed from HEK293 with hFc tag at the N-terminus. It contains Gln62-Leu291. |
| Accession | P07306-1 |
| Molecular Weight | The protein has a predicted MW of 51.92 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC |

| Formulation and Storage | |
|-------------------------|--|
| Formulation | Supplied as 0.22 µm filtered solution in PBS, 200mM L-Arginine (pH 7.4). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

| Background | |
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| ASGR1 is a liver-specific surface marker that is exclusively expressed in liver and mediates internalization and lysosomal degradation of blood asialoglycoproteins. | |

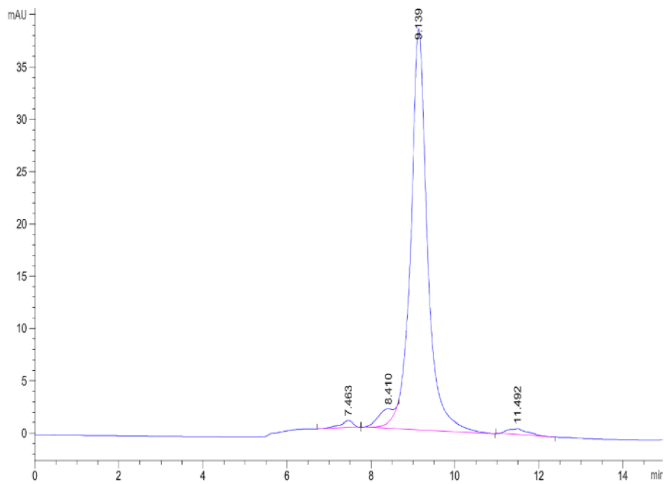
Assay Data

Bis-Tris PAGE



Human ASGR1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human ASGR1 is greater than 90% as determined by SEC-HPLC.