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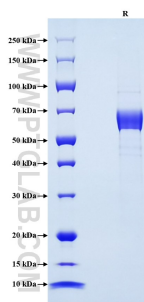
Recombinant Human ASGR2 protein (rFc Tag)



Catalog Number: Eg3052

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Human ASGR2 protein Gln80-Ala311 (Accession# P07307-1) with a rabbit IgG Fc tag at the C-terminus.</p> <p>GeneID: 433</p> <p>Accession: P07307-1</p> <p>Predicted Molecular Mass: 52.4 kDa</p> <p>SDS-PAGE: 58-68 kDa, reducing (R) conditions</p> <p>Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>ASGR2, or asialoglycoprotein receptor 2, is a gene that plays a significant role in the clearance of glycoproteins from the bloodstream. The receptor is highly expressed in the liver, where it is located on the sinusoidal face of hepatocytes, and is also found in other cell types such as peritoneal macrophages, intestinal epithelial cells, and testis. The serum ASGR2 level is an efficacy biomarker for balloon pulmonary angioplasty in patients with chronic thromboembolic pulmonary hypertension. Gastric cancer cell-invasive activity was significantly decreased with the knockdown of ASGR2, forced expression of ASGR2 promoted invasive activity.</p>		
References	<ol style="list-style-type: none">1. Xu WJ. et al. (2024). Front Immunol. 15:1402250.2. Tanaka H. et al. (2018). Mol Cancer Res. 16(9):1420-1429.		
Synonyms	ASGR2, ASGP R, ASGP R 2, ASGPR 2, ASGP-R 2		

Selected Validation Data



Purity of Recombinant Human ASGR2 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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