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Datasheet for ABIN7275228

MANSC1 Protein (AA 25-369) (His tag)

2 Images

Overview

Quantity:	100 µg
Target:	MANSC1
Protein Characteristics:	AA 25-369
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MANSC1 protein is labelled with His tag.

Product Details

Purpose:	Mouse MANSC1 Protein
Sequence:	Gly25-Leu369
Characteristics:	Recombinant Mouse MANSC1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly25-Leu369.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	MANSC1
Alternative Name:	MANSC1 (MANSC1 Products)

Target Details

Background: MANSC1 contains 1 MANSC domain. MANSC is a seven-cysteine-containing domain present in animal membrane and extracellular proteins. MANSC (motif at N terminus with seven cysteines) is a novel domain with a well-conserved seven-cysteine motif that is present at the N terminus of membrane and extracellular proteins, including low-density lipoprotein receptor-related protein 11 (LRP-11), hepatocyte growth factor activator inhibitor 1 (HAI-1) and some uncharacterized proteins encoded by multicellular animals from Mollusca to Chordata. The MANSC domain in HAI-2 might function through binding with hepatocyte growth factor activator and matriptase[1].

Molecular Weight: 38.2 kDa. Due to glycosylation, the protein migrates to 58-110 kDa based on Tris-Bis PAGE result.

UniProt: [Q9CR33](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

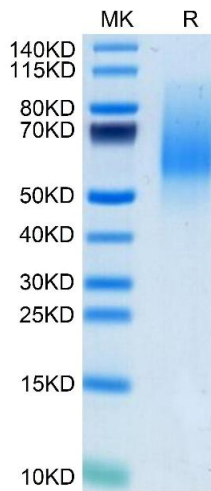
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

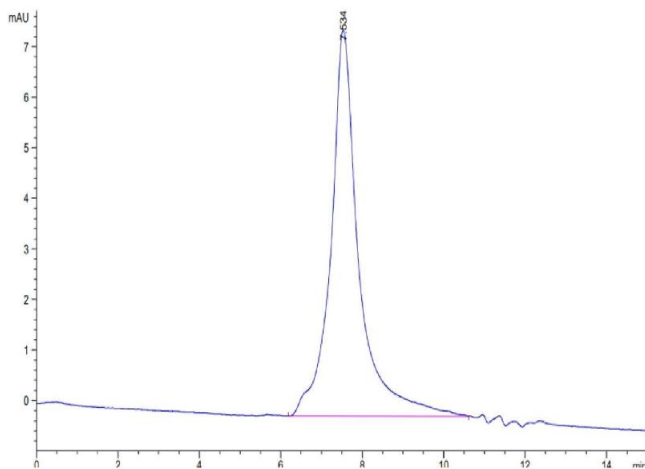
Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,-2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months



SDS-PAGE

Image 1. Mouse MANSC1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse MANSC1 is greater than 95 % as determined by SEC-HPLC.