

Datasheet for ABIN7274865

IGFBP7 Protein (AA 26-281) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IGFBP7
Protein Characteristics:	AA 26-281
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGFBP7 protein is labelled with His tag.

Product Details

Purpose:	Mouse IGFBP-7 Protein
Sequence:	Ser26-Leu281
Characteristics:	Recombinant Mouse IGFBP-7 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser26-Leu281.
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:	IGFBP7
Alternative Name:	IGFBP-7 (IGFBP7 Products)

Target Details

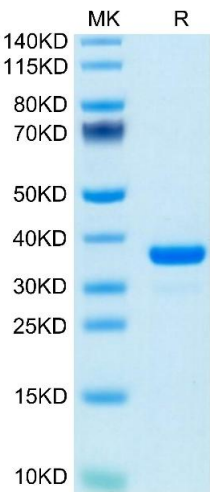
Background:	IGFBP-7, also known as Mac25/Angiomodulin (AGM), GFBP-rp1, tumor-derived adhesion factor (TAF) and prostacyclin-stimulating factor (PSF), is a secreted protein that contains three protein domain modules. Human IGFBP-rp1 cDNA encodes 282 amino acid (aa) residue precursor protein with a putative 26 aa signal peptide. IGFBP-7 binds IGF-I and IGF-II with a relatively low affinity. Stimulates prostacyclin (PGI ₂) production. Stimulates cell adhesion.
Molecular Weight:	27.5 kDa. Due to glycosylation, the protein migrates to 35-38 kDa based on Tris-Bis PAGE result.
UniProt:	Q61581
Pathways:	Growth Factor Binding

Application Details

Restrictions:	For Research Use only
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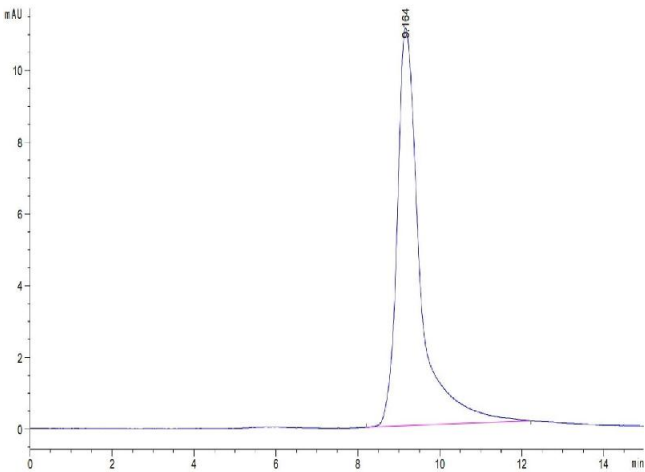
Handling

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, 150 mM NaCl (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 IGFBP-7 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 IGFBP-7 is greater than 95 % as determined by SEC-HPLC.