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Datasheet for ABIN7504425  
**IGFBP7 Protein (AA 26-281) (Fc Tag)**

### 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 Fc Tag.

### Product Details

Purpose:	Mouse IGFBP-7 Protein
Sequence:	Ser26-Leu281
Characteristics:	Recombinant Mouse IGFBP-7 Protein is expressed from HEK293 with hFc 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 ( <a href="#">IGFBP7 Products</a> )

## Target Details

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**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<sub>2</sub>) production. Stimulates cell adhesion.

**Molecular Weight:** 53.03 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.

**UniProt:** [Q61581](#)

**Pathways:** [Growth Factor Binding](#)

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**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 0.22 µm 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