

Datasheet for ABIN2870649
IGFBP7 Protein (AA 30-282) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	IGFBP7
Protein Characteristics:	AA 30-282
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGFBP7 protein is labelled with His tag.

Product Details

Sequence:	AA 30-282
Characteristics:	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 27 kDa. The protein migrates as 35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	IGFBP7
Alternative Name:	IGFBP-7 (IGFBP7 Products)
Background:	Insulin-like growth factor-binding protein 7 (IGFBP7) is also known as IGFBP-rP1, MAC25 protein, PGI2-stimulating factor, prostacyclin-stimulating factor and tumor-derived adhesion

Target Details

factor, which contains one Ig-like C2-type (immunoglobulin-like) domain, one IGFBP N-terminal domain and one Kazal-like domain. The major function of IGFBP7 is the regulation of availability of insulin-like growth factors (IGFs) in tissue as well as in modulating IGF binding to its receptors. IGFBP7 binds to IGF with high affinity except for IGF-I and IGF-II. IGFBP7 also stimulates cell adhesion. Furthermore, IGFBP7 is implicated in some cancers.

Molecular Weight: 27.0 kDa

NCBI Accession: [NP_001544](#)

Pathways: [Growth Factor Binding](#)

Application Details

Restrictions: For Research Use only

Handling

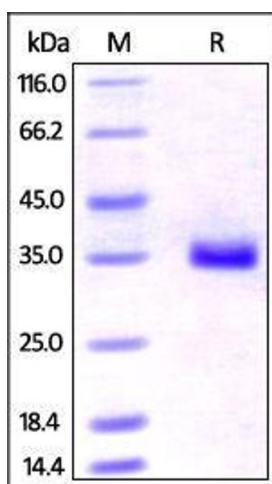
Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

Images



SDS-PAGE

Image 1. Human IGFBP-7, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.