

Datasheet for ABIN5608439

IGFBP7 Protein (partial) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	IGFBP7
Protein Characteristics:	partial
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGFBP7 protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Sequence:	Asp 30 - Leu 282
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per ug 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 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

Target Details

	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 kDa
Gene ID:	3490
NCBI Accession:	NP_001544
Pathways:	Growth Factor Binding

Application Details

Application Notes:	This recombinant protein can be used for WB.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C,-80 °C
Storage Comment:	Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.