Recombinant Human IGFBP7 Protein, MYC/DDK-tagged

Cat. No. IGFBP7-529H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGFBP7 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the insulin-like growth factor (IGF)-binding protein (IGFBP) family. IGFBPs bind IGFs with high affinity, and regulate IGF availability in body fluids and tissues and modulate IGF binding to its receptors. This protein binds IGF-I and IGF-II with relatively low affinity, and belongs to a subfamily of low-affinity IGFBPs. It also stimulates prostacyclin production and cell adhesion. Alternatively spliced transcript variants encoding different isoforms have been described for this gene, and one variant has been associated with retinal arterial macroaneurysm (PMID:21835307).
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	28.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	IGFBP7 insulin-like growth factor binding protein 7 [Homo sapiens]
Official Symbol	IGFBP7
Synonyms	IGFBP7; insulin-like growth factor binding protein 7; insulin-like growth factor-binding protein 7; FSTL2; IGFBP 7; MAC25; PSF; IGFBP-rP1; angiomodulin; IGF-binding protein 7; PGI2-stimulating factor; tumor-derived adhesion factor; prostacyclin-stimulating factor; AGM; TAF; IBP-7; IGFBP-7; RAMSVPS; IGFBP-7v; IGFBPRP1;
Gene ID	3490
mRNA Refseq	NM_001553
Protein Refseq	NP_001544
MIM	602867
UniProt ID	Q16270

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