

Recombinant Human IGFBP4 protein, T7/His-tagged

Cat. No. IGFBP4-60H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IGFBP4 cDNA (22-258aa, derived from BC016041) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-258 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFDEAIHCPPCSEEKLARCRPPVGCEE LVREPGCGCCATCALGLGMPC GVYTPRCGSGRLCYPPRGVEKPLHTLMHGQGVC MELAEIEAIQESLQPSDKDEGDHPNNSFSPCSAHD RRCLQKH FAKIRDRSTSGGKM KVNGAPREDARPVPQGSCQSELHRALERLAASQSRTHEDLYIIPNCDRNGNFHPK QCHP ALDGQRGKCWCVDRKTGVKLPGGLEPKGELDCHQLADSFRE
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro IGFBP4 mediated VEGF pathway regulation study on endothelial cell growth with this protein as either coating matrix protein or as soluble factor.
Storage	Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at

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least 30 days.

GENE INFORMATION

Gene Name	IGFBP4 insulin-like growth factor binding protein 4 [Homo sapiens]
Official Symbol	IGFBP4
Synonyms	IGFBP4; insulin-like growth factor binding protein 4; insulin like growth factor binding protein 4; insulin-like growth factor-binding protein 4; BP 4; HT29 IGFBP; IBP4; IGF binding protein 4; IGFBP 4; IBP-4; IGF-binding protein 4; BP-4; IGFBP-4; HT29-IGF
Gene ID	3487
mRNA Refseq	NM_001552
Protein Refseq	NP_001543
MIM	146733
UniProt ID	P22692
Chromosome Location	17q12-q21.1
Pathway	Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Regulation of Insulin-like Growth Factor (IGF) Activity by Insulin-like Growth Factor Binding Proteins (IGFBPs), organism-specific biosystem; Wnt signaling network, organism-specific biosystem;

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Function	insulin-like growth factor binding;
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