

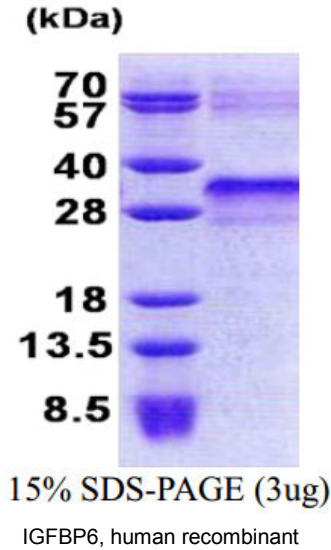
IGF-BP6, human recombinant

CATALOG #:	7350-20	20 µg
ALTERNATE NAMES:	Insulin-like growth factor-binding protein 6, IBP6	
SOURCE:	E. coli	
PURITY:	> 85% by SDS-PAGE	
MOL. WEIGHT:	25 kDa (236 aa, 28-240 aa + His Tag), confirmed by MALDI-TOF.	
FORM:	Liquid	
FORMULATION:	0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl, 1 mM DTT and 20% glycerol.	

STORAGE CONDITIONS: Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

DESCRIPTION: IGFBP6 contains 1 IGFBP N-terminal domain and 1 thyroglobulin type-1 domain. IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Recombinant human IGFBP6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AMINO ACID SEQUENCE: MGSSHHHHHH SSGLVPRGSH MGSRCPGCGQ
 GVQAGCPGGC VEEEDGGSPA EGCAEAEGL RREGQECGVY TPNCAPGLQC
 HPPKDDEAPL RALLGRGRC LPARAPVAE ENPKESKPQA GTARPQDVNR
 RDQQRNPGTS TTPSQPNSAG VQDTEMGPCR RHLDSVLQQL QTEVYRGAQT
 LYVPNCDHRG FYRKRQCRSS QGQRRGPCWC VDRMGKSLPG SPDGNGSSSC
 PTGSSG

**RELATED PRODUCTS:**

- IGF-BP1, human recombinant (Cat # 4717-10, -25, -100, -1000)
- IGF-BP2, human recombinant (Cat # 7165-10, -50)
- IGF-BP3, human recombinant (Cat # 4720-25, -100, -1000)
- IGF-BP4, human recombinant (Cat # 7166-10, -50)
- IGF-BP5, human recombinant (Cat # 4723-25, -100, -1000)
- IGF-BP7, human recombinant (Cat # 7167-10, -50)

FOR RESEARCH USE ONLY! Not to be used in humans.