

IGF-BP6, human recombinant protein
Insulin-like growth factor-binding protein 6, IBP6
Catalog # PBV10974r**Specification**

IGF-BP6, human recombinant protein - Product info

Primary Accession	P24592
Concentration	0.5
Calculated MW	25 kDa (236 aa, 28-240 aa + His Tag), confirmed by MALDI-TOF. KDa

IGF-BP6, human recombinant protein - Additional Info

Gene ID	3489
Gene Symbol	IGFBP6
Other Names	
Insulin-like growth factor-binding protein 6, IBP6	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥85%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSRCPGCGQ GVQAGCPGGC VEEEDGGSPA EGCAEAEGCL RREGQECGVY TPNCAPGLQC HPPKDDEAPL RALLLGRGRC LPARAPAVAE ENPKESKPQA GTARPQDVNR RDQQRNPGTS TTPSQPNSAG VQDTEMGPCR RHLDSVLQQL QTEVYRGAQT LYVPNCDHRG FYRKRQCRSS QGQRRGPCWC VDRMGKSLPG SPDGNGSSSC PTGSSG

Target/Specificity
IGFBP6**Format**
Liquid**Storage**
-80°C; 0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl, 1 mM DTT and 20% glycerol.**IGF-BP6, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IGF-BP6, human recombinant protein - Images

IGF-BP6, human recombinant protein - Background

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.

IGF-BP6, human recombinant protein - References

Kiefer M.C., et al. J. Biol. Chem. 266:9043-9049(1991).
Ehrenborg E., et al. Mamm. Genome 10:376-380(1999).
Shimasaki S., et al. Mol. Endocrinol. 5:938-948(1991).
Zapf J., et al. J. Biol. Chem. 265:14892-14898(1990).
Roghani M., et al. FEBS Lett. 255:253-258(1989).