

Product datasheet for **TP723174**

IGFBP6 (NM_002178) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human insulin-like growth factor binding protein 6 (IGFBP6).
Species:	Human
Expression Host:	Hi-5 insect
Expression cDNA Clone or AA Sequence:	RCPGCGQGVQ AGCPGGCVVEE EDGGSPAEGC AEAEGCLRRE GQECGVYTPN CAPGLQCHPP KDDEAPLRAL LLGRGRCLPA RAPAVAEENP KESKPQAGTA RPQDVNRRDQ QRNPSTSTTP SQPNSAGVQD TEMGPCRRHL DSVLQQLQTE VYRGAQTLVY PNCDFHRGFYR KRQCRSSQGG RRGPCWCVDR MGKSLPGSPD GNGSSSCTPG SSG
Tag:	Tag Free
Predicted MW:	22.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to inhibit IGF-II induced proliferation of human MCF-7 cells. The expected ED50 for this effect is 0.1 - 0.4ug/mL.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_002169
Locus ID:	3489
UniProt ID:	P24592
RefSeq Size:	980
Cytogenetics:	12q13.13
RefSeq ORF:	720
Synonyms:	IBP6



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Summary: 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.[UniProtKB/Swiss-Prot Function]

Protein Families: Secreted Protein

Product images:

