

Product datasheet for **TP723173**

IGFBP5 (NM_000599) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human insulin-like growth factor binding protein 5 (IGFBP5).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MLGSFVHCEP CDEKALSMCP PSPLGCELVK EPGCGCCMTC ALAEGQSCGV YTERCAQGLR CLPRQDEEKP LHALLHGRGV CLNEKSYREQ VKIERDSREH EEPTTSEMAE ETYSPKIFRP KHTRISELKA EAVKKDRRKK LTQSKFVGGG ENTAHPRIIS APEMRQESQ GPCRRHMEAS LQELKASPRM VPRAVYLPNC DRKGFYKRKQ CKPSRGRKRG ICWCVDKYGM KLPGMEYVDG DFQCHTFDSS NVS
Tag:	Tag Free
Predicted MW:	28.6 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:	ED50 was determined by its ability to inhibit IGF-II induced proliferation of MCF-7 is less than or equal to 0.3 ug/mL in the presence of 15 ng/ml of human IGF-II. Ex vivo tissue treatment (PMID: 26568417)
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_000590
Locus ID:	3488
UniProt ID:	P24593
RefSeq Size:	6333
Cytogenetics:	2q35
RefSeq ORF:	816
Synonyms:	IBP5



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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: Druggable Genome, Secreted Protein

Product images:

