

## Product datasheet for **TP721046**

### 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:	HEK293
Expression cDNA Clone or AA Sequence:	Leu21-Glu272
Tag:	C-6His
Predicted MW:	29.61 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_000590</a>
Locus ID:	3488
UniProt ID:	<a href="#">P24593</a>
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