

Product datasheet for **TP503644**

Igfbp1 (NM_008341) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse insulin-like growth factor binding protein 1 (Igfbp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR203644 protein sequence
Red=Cloning site **Green**=Tags(s)

MPEFLTWSWPFLLLSFQIGVAAGAPQPWHCAPCTAERLGLCPPVPASCPEISRPAGCGCCPTCALPMG
AACGVATARCAQGLSCRALPGEPRPLHALTRGQGACVPEPAAPATSTLSSSQHEEAKAAVSADELSESP
EMTEEQLLDSFHLMAPSREDQPILWNAISTYSSMRAREIADLKKWKEPCQRELYKVLERLAAAQKAGDE
IYKFYLPNCNKNGFYHSKQCETSLDGEAGLCWCVYPWSGKKIPGSLETRGDPNCHQYFNVHN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 29.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_032367](#)

Locus ID: 16006

UniProt ID: [P47876](#)

RefSeq Size: 1522



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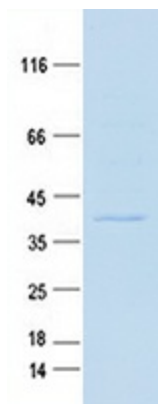
Cytogenetics: 11 4.75 cM

RefSeq ORF: 819

Synonyms: IGFBP-1

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. Promotes cell migration (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Igfbp1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.