

Product datasheet for **TP321146M**

FBP2 (NM_003837) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fructose-1,6-bisphosphatase 2 (FBP2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221146 protein sequence Red =Cloning site Green =Tags(s)

MTDRSPFETDMLTLTRYVMEKGRQAKGTGELTQLLNSMLTAIKAISSAVRKAGLAHLYGIAGSVNVTGDE
VKKLDVLSNSLVINMLQSSYSTCVLVSEENKDAITAKEKRGKYVVCDFPLDGSSNIDCLASIGTIFAIY
RKTSEDEPSEKDALQCGRNIVAAGYALYGSATLVALSTGQGVDLFMLDPALGEFVLVEKDVKIKKKGKIY
SLNEGAYKYFDAATTEYVQKKKFPEDGSAPYGARYVGSVMADVHRTLTVYGGIFLYPANQKSPKGKLRLLY
ECNPVAYIIEQAGGLATTGTQPVLDVKPEAIHQRVPLILGSPEDVQEYLTCVQKNQAGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	36.6 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u>NP_003828</u>
Locus ID:	8789



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UniProt ID: [O00757](#)

RefSeq Size: 1367

Cytogenetics: 9q22.32

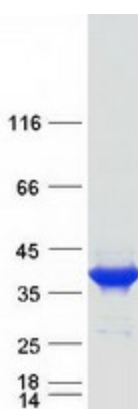
RefSeq ORF: 1017

Summary: This gene encodes a gluconeogenesis regulatory enzyme which catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Fructose and mannose metabolism, Glycolysis / Gluconeogenesis, Insulin signaling pathway, Metabolic pathways, Pentose phosphate pathway

Product images:



Coomassie blue staining of purified FBP2 protein (Cat# [TP321146]). The protein was produced from HEK293T cells transfected with FBP2 cDNA clone (Cat# [RC221146]) using MegaTran 2.0 (Cat# [TT210002]).