

## Product datasheet for **TP321146**

### FBP2 (NM\_003837) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human fructose-1,6-bisphosphatase 2 (FBP2), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC221146 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MTDRSPFETDMLTLTRYVMEKGRQAKGTGELTQLLNSMLTAIKAISSAVRKAGLAHLYGIAGSVNVTGDE  
VKKLDVLSNSLVINMLQSSYSTCVLVSEENKDAITAKEKRGKYVWCFDPLDGSSNIDCLASIGTIFAIY  
RKTSEDEPSEKDALQCGRNIVAAGYALYGSATLVALSTGQGVDLFMLDPALGEFVLVEKDVKIKKKGKIY  
SLNEGAYKYFDAATTEYVQKKKFPEDGSAPYGARYVGSVMADVHRTLTVYGGIFLYPANQKSPKGLRLLY  
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:** [NP\\_003828](#)

**Locus ID:** 8789



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UniProt ID: [O00757](#)

RefSeq Size: 1367

Cytogenetics: 9q22.32

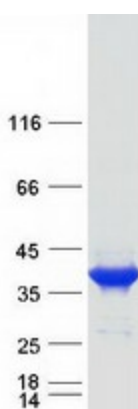
RefSeq ORF: 1017

**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]).