

## Product datasheet for **TP304449**

### BLBP (FABP7) (NM\_001446) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fatty acid binding protein 7, brain (FABP7), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204449 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MVEAFCATWKL TNSQNFDEYMKALGVGFATRQVGNVTKPTVIISQEGDKVVIRLTSTFKNTEISFQLGEE FDETTADDRNCKSVSLDGDGKLVHIQKWDGKETNFVREIKDGKMVMTLTFGDVAVRHYEKA  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-Myc/DDK
Predicted MW:	14.7 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:	<a href="#">NP_001437</a>
Locus ID:	2173
UniProt ID:	<a href="#">O15540</a>
RefSeq Size:	1005
Cytogenetics:	6q22.31


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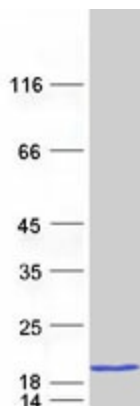
RefSeq ORF: 396

Synonyms: B-FABP; BLBP; FABPB; MRG

**Summary:** The gene encodes a small, highly conserved cytoplasmic protein that bind long-chain fatty acids and other hydrophobic ligands. The encoded protein is important in the establishment of the radial glial fiber in the developing brain. Alternative splicing and promoter usage results in multiple transcript variants encoding different isoforms. Pseudogenes of this gene are found on multiple chromosomes. [provided by RefSeq, Jan 2016]

**Protein Pathways:** PPAR signaling pathway

### Product images:



Coomassie blue staining of purified FABP7 protein (Cat# TP304449). The protein was produced from HEK293T cells transfected with FABP7 cDNA clone (Cat# [RC204449]) using MegaTran 2.0 (Cat# [TT210002]).