

# Product datasheet for TP720119L

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

## **Product data:**

Description:Recombinant protein of human fatty acid binding protein 7, brain (FABP7)Species:HumanExpression FDNACtion:ColiSprassion cDNACtion:Val2Ala132Tag:N-HisPredicted MW:10 kpocificPredicted MW:0 stopeinfPredicted MW:0 stopeinf<	Product Type:	Recombinant Proteins
Expression Host:E. coliExpression CDNA CloneVal2-Ala132Tag:N-HisTag:N-HisPredicted MW:17 kDaOrcocentration:Iot specificPurity:>95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Lopohilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.Fnedicted MW:<0.1 EU per µg protein as determined by LAL test	Description:	Recombinant protein of human fatty acid binding protein 7, brain (FABP7)
Arboresion cDNA Cloom or AA Sequence:Val2Ala132Tag:N-HisPredicted MW:17 kDaConcentration:lot specificPurity:>95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.Fendotoxin:<0.1 EU per µg protein as determined by LAL test	Species:	Human
or AA Sequence:Tag:N-HisPredicted MW:17 kDaConcentration:lot specificPurity:>95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Lopphilized from a 0.2 um filtered solution of 20m MPB, 150m MACI, pH 7.4.Fndotoxin:<0.1 EU per µg protein as determined by LAL test	Expression Host:	E. coli
Predicted MW:17 kDaPredicted MW:17 kDaConcentration:lot specificPurity:>95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.Endotoxin:< 0.1 EU per µg protein as determined by LAL testReconstitution Method:Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH20. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Storage:Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at <-20°C for 3 months.Stability:Stabe for at least 6 months from date of receipt under proper storage and handling conditions.RefSeq:NP 001437Locus ID:2173UniProt ID:015540G22.31	•	Val2-Ala132
Concentration:lot specificPurity:>95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Lopphilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.Endotoxin:<0.1 EU per µg protein as determined by LAL test	Tag:	N-His
Purity:>95% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.Endotoxin:<0.1 EU per µg protein as determined by LAL test	Predicted MW:	17 kDa
Buffer:Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.Endotoxin:< 0.1 EU per µg protein as determined by LAL testReconstitution Method:Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Storage:Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at <-20°C for 3 months.Stability:Stable for at least 6 months from date of receipt under proper storage and handling conditions.RefSeq:NP 001437Locus ID:2173UniProt ID:015540Otypenetics:6q22.31	Concentration:	lot specific
Endotoxin:< 0.1 EU per µg protein as determined by LAL test	Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Reconstitution Methol:Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Storage:Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at <-20°C for 3 months.Stability:Stable for at least 6 months from date of receipt under proper storage and handling conditions.RefSeq:NP 001437Locus ID:2173UniProt ID:015540Gtyogenetics:6q22.31	Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Isophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Storage:Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.	Endotoxin:	< 0.1 EU per $\mu$ g protein as determined by LAL test
weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.Stability:Stable for at least 6 months from date of receipt under proper storage and handling conditions.RefSeq:NP 001437Locus ID:2173UniProt ID:O15540Gq22.31		
conditions.           RefSeq:         NP 001437           Locus ID:         2173           UniProt ID:         015540           6q22.31	Reconstitution Method:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less
Locus ID:     2173       UniProt ID:     015540       Cytogenetics:     6q22.31		lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of
UniProt ID:         015540           Cytogenetics:         6q22.31	Storage:	<ul> <li>lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</li> <li>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</li> <li>Stable for at least 6 months from date of receipt under proper storage and handling</li> </ul>
Cytogenetics: 6q22.31	Storage: Stability:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Stable for at least 6 months from date of receipt under proper storage and handling conditions.
	Storage: Stability: RefSeq:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Stable for at least 6 months from date of receipt under proper storage and handling conditions. <u>NP 001437</u>
Synonyms: B-FABP; BLBP; FABPB; MRG	Storage: Stability: RefSeq: Locus ID:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Stable for at least 6 months from date of receipt under proper storage and handling conditions. <u>NP 001437</u> 2173
	Storage: Stability: RefSeq: Locus ID: UniProt ID:	lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Stable for at least 6 months from date of receipt under proper storage and handling conditions. <u>NP 001437</u> 2173 <u>O15540</u>



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

#### OriGene Technologies, Inc.

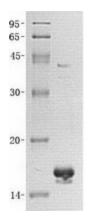
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

### SLBP (FABP7) (NM\_001446) Human Recombinant Protein – TP720119L

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

Protein Pathways: PPAR signaling pathway

## **Product images:**



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., <u>9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US</u>