

Recombinant Human FABP7 Protein, GFP-tagged

Cat. No. FABP7-02H **Lot. No.** (See product label)

SPECIFICATION

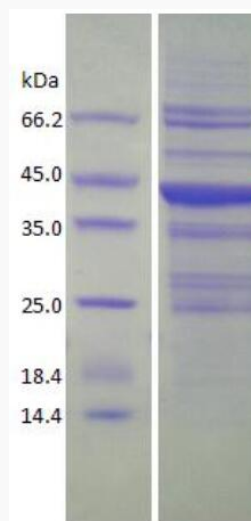
Product Overview	Recombinant Human FABP7 Protein, fused to GFP-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	The gene encodes a small, highly conserved cytoplasmic protein that bind long-chain fatty acids and other hydrophobic ligands. The encoded protein is important in the 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.
Form	50mMTris-HCl, pH 8.0, 200mMNaCl, 5%Trehalose.
Molecular Mass	44kDa
AA Sequence	MSKGEELFTGVVPILVELDGDVNGHKFSVSGEGEGDATYGKLTCLKFICTTGKLPVPW PTLVTTFSYGVQCFSRYPDHMKQHDFFKSAMPEGYVQERTIFYKDDGNYKSRAEVK FEGDTLVNRIELKGIDFKEDGNILGHKMEYNYNSHNVYIMADKQKNGIKVNFKIRHNIE DGSVQLADHYQQNTPIGDGPVLLPDNHYLSTQSALSKDPNEKRDHMILLEFVTAAGI THGMDELYKGGGGSVEAFCATWKLNTNSQNFDEYMKALGVGFATRQVGNVTKPTVII SQEGDKVVIRTLSTFKNTEISFQLGEEFDETTADDRNCKSVVSLDGDGLVHIQKWDG KETNMFVREIKDGKMMVMTLTFGDVVAVRHYEKA
Purity	> 80% as determined by SDS-PAGE

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Storage	Short Term Storage at 4 centigrade, Long Term, please store at -20 to -80 centigrade. Avoid freeze/thaw cycles.
Reconstitution	Reconstitute in sterile distilled water or aqueous buffer containing 20% glycerol or 0.1% BSA to a concentration of 0.1-1.0mg/ml. Stock solutions should be apportioned into working aliquots and stored at -20 centigrade to -70 centigrade. Further dilutions should be made in appropriate buffered solutions.
GENE INFORMATION	
Gene Name	FABP7 fatty acid binding protein 7 [Homo sapiens (human)]
Official Symbol	FABP7
Synonyms	MRG; BLBP; FABPB; B-FABP
Gene ID	2173
mRNA Refseq	NM_001446.5
Protein Refseq	NP_001437.1
MIM	602965
UniProt ID	O15540

SDS-PAGE

15% SDS-PAGE analysis profiles of purified Human FABP7 (CBB stained).

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