

Fatty acid-binding protein Recombinant Protein | FABP1 recombinant protein

Recombinant Human Fatty acid-binding protein, liver

CATALOG #
AAA113205

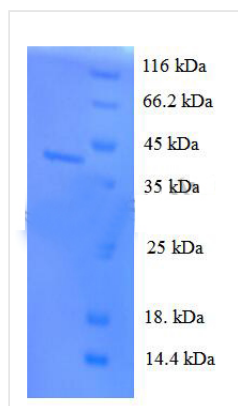
PRODUCT SYNONYMS

Fatty acid-binding protein; Recombinant Human Fatty acid-binding protein; liver; Fatty acid-binding protein 1; Liver-type fatty acid-binding protein; L-FABP; FABP1 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	1-127
Sequence	MSFSGKYQLQ SQENFEAFMK AIGLPEELIQ KGKDIKGVSE IVQNGKHFKF TITAGSKVIQ NEFTVGEECE LETMTGEKVK TVVQLEGDNK LVTTFKNIKS VTELNGDIIT NTMTLGDIVF KRISKRI
Sequence Length	127
Product Note	Applications are user defined. Product is developed and quality control tested in house, data or additional information may be provided upon request. The researcher needs to establish and confirm the suitability of the product for their application.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FABP1 recombinant protein	Binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm. May be involved in intracellular lipid transport.
Product Categories/Family for FABP1 recombinant protein	Transport ; Raw Materials Assay Development

References	Human liver fatty acid binding protein cDNA and amino acid sequence. Functional and evolutionary implications.Chan L., Wei C.-F., Li W.-H., Yang C.-Y., Ratner P., Pownall H., Gotto A.M. Jr., Smith L.C.J. Biol. Chem. 260:2629-2632(1985) Human liver fatty acid binding protein. Isolation of a full length cDNA and comparative sequence analyses of orthologous and paralogous proteins.Lowe J.B., Boguski M.S., Sweetser D.A., Elshourbagy N.A., Taylor J.M., Gordon J.I.J. Biol. Chem. 260:3413-3417(1985) Initial characterization of the human central proteome.Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuemmer T., Bennett K.L., Superti-Furga G., Colinge J.BMC Syst. Biol. 5:17-17(2011) An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome.Bian Y., Song C., Cheng K., Dong M., Wang F., Huang J., Sun D., Wang L., Ye M., Zou H.J. Proteomics 96:253-262(2014) Rapid data collection for protein structure determination by NMR spectroscopy.Xu Y., Long D., Yang D.J. Am. Chem. Soc. 129:7722-7723(2007) Crystal structure of human FABP1.Structural genomics consortium (SGC) Submitted (DEC-2005) to the PDB data bank
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557577
NCBI GeneID	2168
NCBI Accession #	NP_001434.1
NCBI GenBank Nucleotide #	NM_001443.2
UniProt Accession #	P07148
Molecular Weight	41.6kD
NCBI Official Full Name	fatty acid-binding protein, liver
NCBI Official Synonym Full Names	fatty acid binding protein 1
NCBI Official Symbol	FABP1
NCBI Official Synonym Symbols	FABPL; L-FABP
NCBI Protein Information	fatty acid-binding protein, liver
UniProt Protein Name	Fatty acid-binding protein, liver
UniProt Gene Name	FABP1
UniProt Synonym Gene Names	FABPL; L-FABP
UniProt Entry Name	FABPL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.