

Fatty acid-binding protein, heart (FABP3) Recombinant Protein | FABP3 recombinant protein

Recombinant Pig Fatty acid-binding protein, heart (FABP3)

CATALOG # AAA114789	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Fatty acid-binding protein; heart (FABP3); Recombinant Pig Fatty acid-binding protein; FABP3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-133, Full length protein
Sequence	VDAFAGTWKL VDSKNFDDYM KSIGVGFATR QVANMTKPTT IIEVNGDTII IKTQSTFKST EISFKLGVEF DETTADDRKV KSIVTLDDGGK LVHLQKWNGQ ETTLVRELVD GKLILTLTHG SAVCTRTYEK EA
Sequence Length	132
Species	Sus scrofa (Pig)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for FABP3 recombinant protein	The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human breast cancer.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	172073181
NCBI GeneID	399532
NCBI Accession #	NP_001093401.1
NCBI GenBank Nucleotide #	NM_001099931.1
UniProt Accession #	O02772 ; A6N7Z0 ; A6N8I2
Molecular Weight	14,749 Da
NCBI Official Full Name	fatty acid-binding protein, heart
NCBI Official Symbol	FABP3
NCBI Official Synonym Symbols	H-FABP

NCBI Protein Information	fatty acid-binding protein, heart
UniProt Protein Name	Fatty acid-binding protein, heart
UniProt Gene Name	FABP3
UniProt Synonym Gene Names	H-FABP

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.

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Online datasheet: <https://www.aaabiotech.com/fabp3-recombinant-protein-e-coli/114789>