

Recombinant Human FABP9, His-tagged

Cat. No. FABP9-3747H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Total 141 AA. MW: 16.2 kDa (calculated). N-Terminal His-tag (10 extra AA).
Species	Human
Source	E.coli
Description	The fatty-acid-binding proteins are a family of carrier proteins for fatty acids and other lipophilic substances such as eicosanoids and retinoids. These proteins are thought to facilitate the transfer of fatty acids between extra- and intracellular membranes. Some family members are also believed to transport lipophilic molecules from outer cell membrane to certain intracellular receptors.
Form	Filtered (0.4 µm) and lyophilized from 0.5 mg/ml in 20mM TRIS, 50mM NaCl, pH 7.5.
Purity	>99% as determined by densitometric image analysis
Reconstitution	Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Quality Control Test	BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein; LAL to determine quantity of endotoxin
Sequences of amino acids	MKHHHHHHAS VEPFLGTWKL VSENFEDYM KELGVNFAAR NMAGLVKPTV TISVDGKMMT IRTESFQDT KISFKLGEEF DETTADNRKV KSTITLENGS

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MIHVQKWLGK ETTIKRKIVD EKMVVECKMN NIVSTRIYEK V

Storage

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

GENE INFORMATION

Gene Name

FABP9 fatty acid binding protein 9, testis [Homo sapiens]

Official Symbol

FABP9

Synonyms

FABP9; fatty acid binding protein 9, testis; PERF; PERF15; T-FABP; fatty acid-binding protein 9; TLBP; OTTHUMP00000227026; lipid-binding protein; testis lipid binding protein; testis lipid-binding protein; testis-type fatty acid-binding protein; Fatty acid-binding protein 9; Testis lipid-binding protein; Testis-type fatty acid-binding protein

Gene ID

646480

mRNA Refseq

NM_001080526

Protein Refseq

NP_001073995

UniProt ID

Q0Z7S8

Chromosome Location

8q21.13

Function

lipid binding; transporter activity

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