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 VSSENFEDYM KELGVNFAAR NMAGLVKPTV TISVDGKMMT IRTESSFQDT KISFKLGEEF DETTADNRKV KSTITLENGS

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA