

Recombinant Human FABP9, His-tagged

Cat. No. FABP9-15854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FABP9 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-132aa
Description	FABP9 (Fatty acid binding protein 9), also known as PERF15 or T-FABP, is a member of fatty acid-binding proteins (FABPs) which are a family of small, highly conserved, cytoplasmic proteins to bind long-chain fatty acids and other hydrophobic ligands. It is found in midpachytene spermatocytes and round spermatids, and constitutes part of the perinuclear theca. Functionally, FABP9 is likely to link intracellular membranes, and may signal abnormal sperm formation during spermatogenesis.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol
Molecular Mass	17.6 kDa (156aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMVEPFL GTWKLVSSEN FEDYMKELGV NFAARNMAGL VKPTVTISVD GKMMTIRTES SFQDTKISFK LGEEFDETTA DNRKVKSTIT LENGSMIHVQ KWLKGKETTIK RKIVDEKMOV ECKMNNIVST RIYEKV

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Purity	>95% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

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;
Gene ID	646480
mRNA Refseq	NM_001080526
Protein Refseq	NP_001073995
UniProt ID	Q0Z7S8
Chromosome Location	8q21.13

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