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32-3802: FABP9 Recombinant Protein

Alternative Name : Fatty acid-binding protein 9,Testis lipid-binding protein,TLBP,Testis-type fatty acid-binding protein,T-FABP,FABP9,PERF,PERF15.

Description

Source : Escherichia Coli. FABP9 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 156 amino acids (1-132 a.a) and having a molecular mass of 17.6kDa.FABP9 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Fatty acid binding protein 9 (FABP9) belongs to the fatty acid-binding proteins (FABPs) which are a family of small, extremely conserved, cytoplasmic proteins to bind long-chain fatty acids and other hydrophobic ligands. FABP9 is found in midpachytene spermatocytes and round spermatids, and comprises part of the perinuclear theca. FABP9 probably links intracellular membranes and signals abnormal sperm formation during spermatogenesis.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	FABP9 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMVEPFL GTWKLVSSEN FEDYMKELGV NFAARNMAGL VKPTVTISVD GKMMTIRTES SFQDTKISFK LGEEFDETTA DNRKVKSTIT LENGSMIHVQ KWLGKETTIK RKIVDEKMVV ECKMNNIVST RIYEKV.

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