

FABP9, 1-132aa, Human, His tag, E.coli

Cat.NO.: TP02079

3th Edition

Synonyms:Fatty acid binding protein 9, PERF, PERF15, T-FABP.

Description:FABP9 (Fatty acid binding protein 9), also known as PERF15 or T-FABP, is a member of fatty acidbinding 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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

Molecular Weight:17.6 kDa (156aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMVEPFLGTWKLVSSENFEDYMKELGVNFAARNMAGLVKPTVTISVDGKM
MTIRTESSFQDTKISFKLGEEFDETTADNRKVKSTITLENGSMIHVQKWLGKETTIRKIVDEKMMVVECKMNNIVSTRI
YEKV

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.