

Fatty Acid Binding Protein-1 Rat Recombinant

Item Number	rAP-3277
Synonyms	Fatty acid-binding protein, liver, Fatty acid-binding protein 1, Liver-type fatty acid-binding protein, L-FABP, Squalene- and sterol-carrier protein, SCP, Z-protein, p14, Fabp1, Fabplg, FABP1.
Description	FABP1 Rat Recombinant produced in E. coli is a single non-glycosylated polypeptide chain containing 150 amino acids (1-127) and having a molecular mass of 16.7kDa. FABP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P02692
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNFGSKY QVQSQENFEP FMKAMGLPED LIQKGKDIKG VSEIVHEGKK VKLTITYGSK VIHNEFTLGE ECELETMTGE KVKAVVKMEG DNKMVTTFKG IKS VTEFNGD TITNTMTLGD IVYKR VSKRI.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The FABP1 solution (1mg/1ml) contains phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**