

Product information

FABP12, 1-140 aa

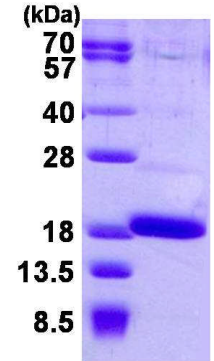
Human , His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1558

Full name: Fatty acid binding protein 12

NCBI Accession No.: NP_001098751

Description: FABP12 belongs to the calycin superfamily and fatty-acid binding protein (FABP) family. The fatty-acid-binding proteins (FABPs) 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. FABP12 may play a role in lipid transport. Recombinant human FABP12 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.15M NaCl, 10% glycerol</p> <p>Molecular Weight: 18 kDa (164aa), confirmed by MALDI-TOF</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 0.5 mg/ml (determined by Bradford assay)</p>	
<p>Sequences of amino acids:</p> <p><u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSHMIDQLQ</u> GTWKSISCEN SEDYMKELGI GRASRKLGR L AKPTVTISTD GDVITIKTKS IFKNNEISFK LGEFEETIP GGHKTKSKVT LDKESLIQVQ DWDGKETTIT RKLVDGKMVV ESTVNSVICT RTYEKVVSSNS VSNS</p>	

General references:

Chmurzyńska A., *et al.* (2006). *J. Appl. Genet.* 47 (1): 39–48.

Smathers RL., *et al.* (2011). *Hum Genomics.* Mar;5(3):170-91.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.