

**FABP12, 1-140aa, Human, His tag, E.coli**

**Cat.NO.: TP02072**

3th Edition

**Synonyms:**Fatty acid binding protein 12.

**Description:**FABP12 belongs to the calycin superfamily and fatty-acid binding protein (FABP) family. The fattyacid-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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.15M NaCl, 10% glycerol

**Molecular Weight:**18 kDa (164aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMIDQLQGTWKSISCENSEDYMKELGIGRASRKLGRLAKPTVTISTDGDVITI  
KTKSIFKNNEISFKLGEEFEEITPGGHKTKSKVTLDKESLIQVQDWDGKETTITRKLVDGKMVESTVNSVICRTRYEK  
VSSNSVSNS

**Purity:**> 95% by HPLC

**Concentration:**0.5 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.