

32-3788: FABP12 Recombinant Protein

Alternative Name : Fatty acid-binding protein 12,FABP12.

Description

Source : Escherichia Coli. FABP12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 164 amino acids (1-140 a.a) and having a molecular mass of 18kDa.FABP12 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. FABP12 is a member of the calycin superfamily and fatty-acid binding protein (FABP) family. The FABPs are a family of carrier proteins for fatty acids and other lipophilic substances for example eicosanoids and retinoids. These proteins are believed to enable the transfer of fatty acids between extra- and intracellular membranes. FABP12 has a role in lipid transport. FABP12 is expressed in several retinoblastoma cell lines. FABP12 has not been detected in fetal tissues.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	FABP12 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 7.5), 0.15M 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 SGLVPRGSH MGS HMIDQLQ GTWKSISCEN SEDYMKELGI GRASRKLGR LAKPTVTISTD GDVITIKTKS IFKNNEISFK LGEEFEEITP GGHKTKSKVT LDKESLIQVQ DWDGKETTIT RKLVDGKMVV ESTVNSVICT RTYEKVSSNS VSNS.