

FABP12 Human

Description: 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.

Catalog #: PRPS-745

For research use only.

Synonyms: Fatty acid-binding protein 12, FABP12.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMIDQLQ GTWKSISCEN
SEDYMKELGI GRASRKLGR L AKPTVTISTD GDVITIKTKS IFKNNEISFK LGEEFEEITP
GGHKTKSKVT LDKESLIQVQ DWDGKETIT RKLVDGKMVV ESTVNSVICT RTYKVVSSNS
VSNS.

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

FABP12 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 7.5), 0.15M NaCl and 10% glycerol.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

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