

ANXA8L2 Human

Description:ANXA8L2 Human Recombinant produced in E. coli is a single polypeptide chain containing 351 amino acids (1-327) and having a molecular mass of 39.4 kDa. ANXA8L2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-1145

For research use only.

Synonyms:Annexin A8-like protein 2, bA145E20.2, ANXA8, annexin A8L2.

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHH SSGLVPRGSH MGSHMAWWKA WIEQEGVTVK
SSSHFNPD PD AETLYKAMKG IGTNEQAIID VLTKRSNTQR QQIAKSFKAQ FGKDLTETLK
SELSGKFERL IVALMYPPYR YEAKELHDAM KGLGTKEGVI IEILASRTKN QLREIMKAYE
EDYSSSLEED IQADTSGYLE RILVCLLQGS RDDVSSFVDP ALALQDAQDL YAAGENIRGT
DEMKFITILC TR

Purity:Greater than 90% as determined by SDS-PAGE.

Formulation:

The ANXA8L2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT 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:

Annexin A8-like 2 (ANXA8L2) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Annexin family members are regulators of such varied processes such as ion flux, endocytosis and exocytosis, and cellular adhesion. ANXA8L2 is a membrane binding protein with various properties, including voltage-sensitive calcium channel activity, ion selectivity and membrane fusion. ANXA8L2 overexpression is linked to acute myelocytic leukemia. ANXA8L2 may act as an anticoagulant which indirectly inhibits the thromboplastin-specific complex.

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