



Catalog Number: PR27218

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MGSSHHHHHH SSSLVPRGSH MGSHEMAWWKA WIEQEGVTVK SSSHFNPPDP AETLYKAMKG
IGTNEQAIID VLTKRSNTQR QQIAKSFKAQ FGKDLTETLK SELSGKFERL IVALMYPPYR
YEAKELHDAM KGLGTKEGVI IEILASRTKN QLREIMKAYE EDYSSLEED IQADTSGYLE
RILVCLLQGS RDDVSSFVDP ALALQDAQDL YAAGENIRGT DEMKFITLC TRSATHLLRV
FEEYEKIANK SIEDSIKSET HGSLEEAMLT VVKCTQNLHS YFAERLYYAM KGAGTRDGTL
IRNIVSRSEI DLNLIKCHFV KMYGKTLSSM IMEDTSGDYK NALLSLVGSD P

Description/Molecular Mass: 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.

ANXA8L1 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.

ANXA8L1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Purity: Greater than 90.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: The ANXA8L1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.

Storage: 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.

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