

Product information

ANXA8L2, 1-327aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1598

Full name: Annexin A8-like protein 2

NCBI Accession No.: NP_001621

Synonyms: ANXA8, bA145E20.2

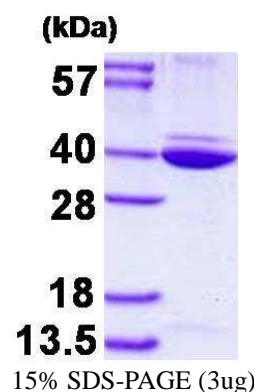
Description: Annexin A8-like 2, also known as ANXA8L2, is a member of the annexin family of calcium-dependent phospholipid binding proteins. Annexin family members have been implicated as regulators of such diverse processes as ion flux, endocytosis and exocytosis, and cellular adhesion. ANXA8L2 is a membrane binding protein with diverse properties, including voltage-sensitive calcium channel activity, ion selectivity and membrane fusion. Overexpression of ANXA8L2 has been associated with acute myelocytic leukemia. Recombinant human ANXA8L2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

Molecular Weight: 39.4 kDa (351aa) confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMAWKA WIEQEGVTVK SSSHFNPDPD AETLYKAMKG IGTNEQA IID VLTKRSNTQR QQIAKSFKAQ
 FGKDLTETLK SELSGKFERL IVALMYPPYR YEAKELHDAM KGLGTKEGVI IEILASRTKN QLREIMKAYE EDYSSLEED IQADTSGYLE
 RILVCLLQGS RDDVSSFVDP ALALQDAQDL YAAGENIRGT DEMKFITILC TRSATHLLRV FEEYEKIANK SIEDSIKSET HGSLEEAMLT
 VVKCTQNLHS YFAERLYYAM KGAGTRDGTL IRNIVSRSEI DLNLKCHFK KMYGKTLSSM IMEDTSGDYK NALLSLVGSD P

General references:

Liu J H., *et al.* (1994) *Leuk Lymph.* 13:381-386.

Chan H C., *et al.* (1994) *J Biol Chem.* 269:32464-32468.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.