Recombinant human Annexin A8-like protein 1/ANXA8L1 protein

Catalog Number: ATGP1598

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-327aa

UniProt No.
Q5VT79

NCBI Accession No.
NP_001621

Alternative Names
Annexin A8-like protein 1, ANXA8L2, Annexin A8-like protein 2, bA145E20.2

PRODUCT SPECIFICATION

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

Concentration
1mg/ml (determined by Bradford assay)

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

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

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using conventional chromatography techniques.

Amino acid Sequence

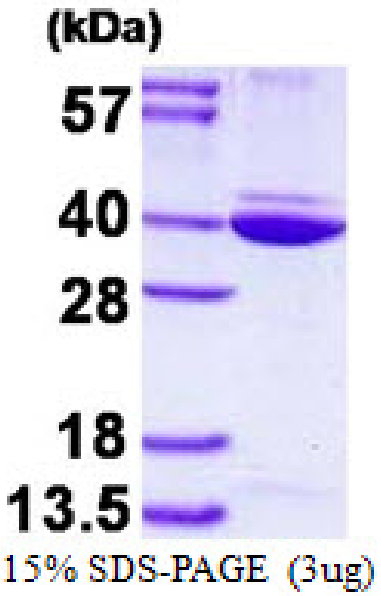
MGSSHHHHHH SSGLVPRGSH MGSHMAWWKA WIEQEGVTVK SSSHFNPDPD AETLYKAMKG IGTNEQAIID VLTKRSNTQR QQIAKSFKAQ FGKDLTETLK SELSGKFERL IVALMYPPYR YEAKELHDAM KGLGTKEGVI IEILASRTKN QLREIMKAYE EDYGSSLEED IQADTSGYLE RILVCLLQGS RDDVSSFVDP ALALQDAQDL YAAGENIRGT DEMKFITILC TRSATHLLRV FEEYEKIANK SIEDSIKSET HGSLEEAMLT VVKCTQNLHS YFAERLYYAM KGAGTRDGTL IRNIVSRSEI DLNLIKCHFK 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.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.