

**AR50422PU-S****Human ANXA8L2 (1-327, His-tag) - Purified****Alternate names:**

Annexin A8-like protein 2

**Quantity:**

10 µg

**Concentration:**

1 mg/ml (determined by Bradford assay)

**Background:**

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.

**Uniprot ID:**[Q5VT79](#)**NCBI:**[NP\\_001621.2](#)**GeneID:**[728113](#)**Species:**

Human

**Source:**

E. coli

**Format:****State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT**Description:**

Recombinant human ANXA8L2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**AA Sequence:**

MGSSHHHHHH SSGLVPRGSH MGSMAWKA WIEQEGVTVK SSSHFNPDPD AETLYKAMKG  
IGTNEQAIID VLTKRSNTQR QQIAKSFKAQ FGKDLTETLK SELSGKFERL IVALMYPPYR  
YEAKELDAM KGLGTKEGVI IEILASRTKN QLREIMKAYE EDYGSSLEED IQADTSGYLE  
RILVCLLQGS RDDVSSFVDP ALALQDAQDL YAAGENIRGT DEMKFITILC TRSATHLLRV  
FEEYEKIANK SIEDSIKSET HGSLEEAMLT VVKCTQNLHS YFAERLYYAM KGAGTRDGT  
IRNIVSRSEI DLNLIKCHFV KMYGKTLSSM IMEDTSGDYK NALLSLVGS D P

**Molecular weight:** 39.4 kDa (351aa) confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**General Readings:**

Liu J H., et al. (1994) Leuk Lymph. 13:381-386. Chan H C., et al. (1994) J Biol Chem. 269:32464-32468.

Pictures:

