
Product Data Sheet

Product Name: ANXA8L1 Human
 Cat. No.: GP22739
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Annexin A8-like protein 2; bA145E20.2; ANXA8; annexin A8L2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHEMAWKA WIEQEGVTVK SSSHFNPD 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		
Formulation	The ANXA8L1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.		

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.

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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