9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ANXA7 Human

Annexin A7 Human Recombinant
RCP0074

Product Overview

Name	ANXA7 Human
Description	
Annexin A7 Human Recombinant	
Accession (Primary)	P20073
Synonyms	
Annexin A7, Annexin-7, Annexin VII, Synexin, ANXA7, ANX7, SNX.	
Introduction	
Annexin VII is a member of the annexin family of calcium-dependent phospholipid binding proteins. Annexin VII has molecular weight of approximately 51 kDa with a unique, highly hydrophobic N-terminal domain of 167 amino acids and a conserved C-terminal region of 299 amino acids. The latter domain is composed of alternating hydrophobic and hydrophilic segments. Structural analysis of the protein suggests that Annexin VII is a membrane binding protein with diverse properties including voltage-sensitive calcium channel activity, ion selectivity and membrane fusion.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
ANXA7 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 150mM NaCl, 1mM DTT and 40% glycerol.	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MSYPGY PPTGYPPFPG YPPAGQESSF PPSGQYPYPS GFPPMGGGAY PQVPSSGYPG AGGYPAPGGY PAPGGYPGAP QPGGAPSYPG VPPGQGFGVP PGGAGFSGYP QPPSQSYGGG PAQVPLPGGF PGGQMPSQYP GGQPTYPSQP ATVTQVTQGT IRPAANFDAI RDAEILRKAM KGFGTDEQAI	

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VDVVANRSND QRQKIKAAFK TSYGKDLIKD LKSELSGNME ELILALFMPP TYYDAWSLRK AMQGAGTQER

VLIEILCTRT NQEIREIVRC YQSEFGRDLE KDIRSDTSGH FERLLVSMCQ GNRDENQSIN HQMAQEDAQR

LYQAGEGRLG TDESCFNMIL ATRSFPQLRA TMEAYSRMAN RDLLSSVSRE FSGYVESGLK TILQCALNRP

AFFAERLYYA MKGAGTDDST LVRIVVTRSE IDLVQIKQMF AQMYQKTLGT MIAGDTSGDY RRLLLAIVGQ

Precautions

ANXA7 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P20073)