

Annexin A7 Recombinant Protein | ANXA7 recombinant protein

Recombinant Human Annexin A7

CATALOG #
AAA47960

PRODUCT SYNONYMS

Annexin A7; Recombinant Human Annexin A7; ANXA7 recombinant protein

PRODUCT SPECIFICATIONS

Specificity	Human Annexin A7
Purity/Purification	> 85% as determined by SDS-PAGE.
Form/Format	Sterile-filtered clear solution (0.25mg/ml) in 20mM Tris-HCl, pH 8.0, 150mM NaCl, 1mM DTT, 40% glycerol. Purified by proprietary chromatographic techniques.
Sequence	MGSSHHHHH SSSLVPRGSH MGSMSYPGY PPTGYPPFPG YPPAGQESSF PPSGQYPYPS GFPPMGGGAY PQVPSSGYPG AGGYPAPGGY PAPGGYPGAP QPGGAPSYPG VPPGQGFVPG PGGAGFSGY PPSQSYPGGG PAQVPLPGGF PGGQMPSQYP GGQPTYPSQP ATVTQVTQGT IRPAANFDAI RDAEILRKAM KGFGTDEQAI VDWANRSNDQ RQKIAAFKT SYGKDLIKDL KSELSGNMEE LILALFMPPT YYDAWSLRKA MQGAGTQERV LIEILCTR TN QEIREIVRCY QSEFGRDLEK DIRSDTSGHF ERLVSMCQG NRDENQSI NH QMAQEDAQRL YQAGEGRLGT DESCFNMLA TRSFPQLRAT MEAYSRMANR DLLSSVSREF SGYVESGLKT ILQCALNRPA FFAERLYVAM KGAGTDDSTL VRIVVTRSEI DLVQIKQMFA QMYQKTLGTM IAGDTSGDYR RLLLAIVGQ
Source	Escherichia coli
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store at -20°C for longer periods of time. For long-term storage, addition of 0.1 % human serum albumin or bovine serum albumin is recommended. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for ANXA7 recombinant protein	Background: Annexin 7 is a member of the annexin family of calcium-dependent phospholipids binding proteins. It includes a unique, highly hydrophobic N-terminal domain of 167 amino acids and a conserved C-terminal region of 299 amino acids. The latter is composed of alternating hydrophobic and hydrophilic segments. Analysis of this protein suggests that Annexin 7 is a membrane binding protein with diverse properties including voltage-sensitive calcium channel activity, ion selectivity, and membrane fusion. Description: Recombinant Human Annexin A7 produced in E. coli is a single, nonglycosylated polypeptide containing amino acids 1-466 with a molecular weight of 52.9kDa. It includes a 24 amino acid His-tag at the N-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502111
NCBI GeneID	310
NCBI Accession #	NP_001147.1
NCBI GenBank Nucleotide #	NM_001156.3
UniProt Accession #	P20073.3; P20073; Q53HM8
Molecular Weight	50,228 Da

NCBI Official Full Name	annexin A7 isoform 1
NCBI Official Synonym Full Names	annexin A7
NCBI Official Symbol	ANXA7
NCBI Official Synonym Symbols	SNX; ANX7; SYNEXIN
NCBI Protein Information	annexin A7; annexin-7; annexin VII; OTTHUMP00000019812; OTTHUMP00000019813
UniProt Protein Name	Annexin VII isoform 1 variant
UniProt Entry Name	Q53HM8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/annexin-a7-recombinant-protein/47960>