

Annexin A7 Recombinant Protein | ANXA7 recombinant protein

Recombinant Human Annexin A7

CATALOG # AAA38497	HOST Escherichia Coli.
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PRODUCT SYNONYMS

Annexin A7; Recombinant Human Annexin A7; ANXA7 Human; Annexin A7 Human Recombinant; Annexin-7; Annexin VII; Synexin; ANXA7; ANX7; SNX; ANXA7 recombinant protein

PRODUCT SPECIFICATIONS

Host	Escherichia Coli.
Purity/Purification	Greater than 85.0% as determined by SDS-PAGE.
Form/Format	ANXA7 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 150mM NaCl, 1mM DTT and 40% glycerol.
Sequence	MGSSHHH HHHSSGLVPR GSHMGSHMSYPGPPT GYPFPGYPP AGQESSFPPS GQYPYPSGFP PMGGGAYPQV PSSGYPGAGG YPAPGGYPAP GGYPGAPQPG GAPSYPGVPP GQGFVPPGG AGFSGYPQPP SQSYGGGPAQ VPLPGGFP GGQMP SQYPGGQ PTYPSQPATV TQVTQGTIRP AANFDAIRDA EILRKAMKGF GTDEQAIVDV VANRSNDQRQ KIKAAFKTSY GKDLIKDLKS ELSGNMEELI LALFMPPTYY DAWSLRKAMQ GAGTQERVL IELCTRINQE IREIVRCYQS EFGRDLEKDI RSDTSGHFER LLVSMCQGNR DENQSINHQM AQEDAQRLYQ AGEGR LGTDE SCFN MILATR SFPQLRATME AYSRMANRDL LSSVSREFSG YVESGLKTL QCALNRPAFF AERLYYAMKG AGTDDSTLVR IVVTRSEIDL VQIKQMFQYM YQKTLGT MIA GDTSGDYRRL LLAIVGQ
Sequence Length	466
Physical Appearance	Sterile filtered colorless solution.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for ANXA7 recombinant protein	Description: ANXA7 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 490 amino acids (1-466 a.a.) and having a molecular mass of 52.9kDa. ANXA7 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.
Product Categories/Family for ANXA7 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Annexin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502111
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NCBI GeneID	310
NCBI Accession #	NP_001147.1
NCBI GenBank Nucleotide #	NM_001156.3
UniProt Accession #	P20073; Q5F2H3; Q5T0M6; Q5T0M7
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 VII; annexin-7
UniProt Protein Name	Annexin A7
UniProt Gene Name	ANXA7
UniProt Synonym Gene Names	ANX7; SNX
UniProt Entry Name	ANXA7_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/anxa7-recombinant-protein-escherichia-coli/38497>