

ANXA11 recombinant protein

ANXA11, 1-505aa, Human, His tag, E Coli

CATALOG # AAA48661	HOST E Coli	APPLICATIONS SDS-Page
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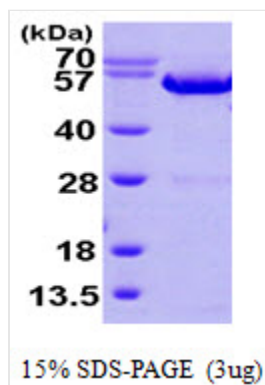
PRODUCT SYNONYMS

ANXA11; 1-505aa; Human; His tag; E Coli; Annexin A11; ANX11; CAP50; Annexin-11; Annexin XI; ANXA11 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In PBS containing 20% glycerol, 2mM DTT, 100mM NaCl
Concentration	0.25mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSSLVPRGSH MSYPGYPPPP GGYPPAAPGG GPWGGAAYPP PPSMPPIGLD NVATYAGQFN QDYLSGMAAN MSGTFGGANM PNLYPGAPGA GYPPVPPGGF GQPPSAQQPV PPYGMYP PPP GNPPSRMP SY PPYPGAPVPG QPMPPPGQP PGAYPGQPPV TYPGQPPVPL PGQQQPVPSY PGYPGSGTVT PAVPPTQFGS RGTITDAPGF DPLRDAEVL R KAMKGFGTDE QAIIDCLGSR SNKQRQQILL SFKTAYGKDL IKDLKSEL SG NFEKTILALM KTPVLFDIYE IKEAIKGVGT DEAC LIEILA SRSNEHIREL NRAYKAEFKK TLEEAI RSDT SGHFQRL LIS LSQGNRDEST NVDMSLAQRD AQELYAAGEN RLGTDESKFN AVLCSRSRAH LVAVFNEYQR MTGRDIEKSI CREMSGDLEE GMLAVVKCLK NTPAFFAERL NKAMRGAGTK DRTLIRIMVS RSETDLLDIR SEYKRM YGKS LYHDISGDTS G DYRKILLKI CGGND
Sequence Length	505
Applicable Applications for ANXA11 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ANXA11 recombinant protein	ANXA11 (Annexin A11) is a member of the annexin family, a group of calcium-dependent phospholipid-binding proteins. Annexins have unique N-terminal domains and conserved C-terminal domains, which contain the calcium-dependent phospholipid-binding sites. ANXA11 binds specifically to calyculin in a calcium-dependent manner. And it required for midbody formation and completion of the terminal phase of cytokinesis. This protein is a 56-kD antigen recognized by sera from patients with various autoimmune diseases. Recombinant ANXA11 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for ANXA11 recombinant protein	Signal Transduction
References	Tomas A., et al. (2004) J. Cell Biol. 165:813-822 ; Satoh., et al. (2002) Biochem. Biophys. Res. Commun. 291 (5): 1166-72;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557317
NCBI GeneID	311
NCBI Accession #	NP_001148
NCBI GenBank Nucleotide #	NM_001157.2
UniProt Accession #	P50995 ; B4DVE7
Molecular Weight	56.6kDa (525aa) confirmed by MALDI-TOF
NCBI Official Full Name	annexin A11 isoform 1
NCBI Official Synonym Full Names	annexin A11
NCBI Official Symbol	ANXA11
NCBI Official Synonym Symbols	ALS23; ANX11; CAP50; CAP-50
NCBI Protein Information	annexin A11
UniProt Protein Name	Annexin A11
UniProt Gene Name	ANXA11
UniProt Synonym Gene Names	ANX11; CAP-50

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/anxa11-recombinant-protein-e-coli-sds-page/48661>