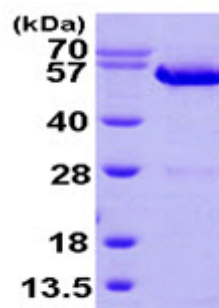


AR09710PU-L

Human Annexin A11 / ANXA11 (1-505, His-tag) - Purified

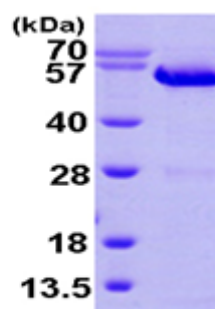
Alternate names:	56 kDa autoantigen, ANX11, Annexin XI, Annexin-11, CAP-50, Calcyclin-associated annexin 50
Quantity:	0.5 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	ANXA11 (Annexin A11) is a member of the annexin family, a group of calcium-dependent phospholipid-binding proteins. 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.
Uniprot ID:	P50995
NCBI:	NP_001148
GeneID:	311
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: PBS containing 20% glycerol, 2mM DTT, 100mM NaCl
Description:	Recombinant ANXA11 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSSLVPRGSH MSYPGYPPPP GGYPPAAPGG GPWGGAAAYPP PPSMPPIGLD NVATYAGQFN QDYLSGMAAN MSGTFFGANM PNLYPGAPGA GYPPVPPGGF GQPPSAQQPV PPYGMYPYPG GNPPSRMPY PPYPGAPVPG QPMPPPGQQP PGAYPGQPPV TYPGQPPVPL PGQQQPVPSY PGYPGSGTVT PAVPPTQFGS RGTITDAPGF DPLRDAEVLR KAMKGFGTDE QAIIDCLGSR SNKQRQQILL SFKTAYGKDL IKDLKSELSE NFEEKILALM KTPVLFDIYE IKEAIKGVGT DEACIEILA SRSNEHIREL NRAYKAEFKK TLEEAIKSDT SGHFQRLNIS LSQGNRDEST NVDMSLAQRD AQELYAAGEN RLGTDESKFN AVLCSRSRAH LVAVFNEYQR MTGRDIEKSI CREMSGDLEE GMLAVVKCLK NTPAFFAERL NKAMRGAGTK DRTLIRIMVS RSETDLLDIR SEYKRMYGKS LYHDISGDTG GYRKILLKI CGGND Molecular weight: 56.6 kDa (525aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Tomas A., et al. (2004) J. Cell Biol. 165:813-822. Satoh., et al. (2002) Biochem. Biophys. Res. Commun. 291 (5): 1166–72.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human ANXA11, 1-505aa,
His-tagged



15% SDS-PAGE (3ug)