

Recombinant Human ANXA11, His-tagged

Cat. No. ANXA11-26349TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ANXA11 protein with an N terminal His tag. Predicted mwt: 57 kDa.
Species	Human
Source	E.coli
ProteinLength	505 amino acids
Description	This gene encodes 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. The encoded protein is a 56-kD antigen recognized by sera from patients with various autoimmune diseases. Transcript variants encoding the same isoform have been identified.
Conjugation	HIS
Molecular Weight	57.000kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, PBS, 2mM DTT, 100mM Sodium

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	chloride
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSSLVPRGSH MSYPGYPPPP GGYPPAAPGG GPWGGAAYPP PPSMPPIGLD NVATYAGQFN QDYLSGMAAN MSGTFGGANM PNLYPGAPGA GYPPVPPGGF GQPPSAQQPV PPYGMYPYPG GNPPSRMPsy PPYPGAPVPG QPMPPPGQQP PGAYPGQPPV TYPGQPPVPL PGQQQPVPSY PGYPGSGTVT PAVPPTQFGS RGTITDAPGF DPLRDAEVLR KAMKGFGTDE QAIDCLGSR SNKQRQQILL SFKTAYGKDL IKDLKSELSE NFEKTILALM KTPVLFDIYE IKEAIKGVGT DEACIEILA SRSNEHIREL NRAYKAEFKK TLEEAIKSDT SGHFQRLIS LSQGNRDEST NVDMSLAQRD AQELYAAGEN RLGTDESKFN AVLCSRSRAH LVAVFNEYQR MTGRDIEKSI CREMSGDLEE GMLAVVKCLK NTPAFFAERL NKAMRGAGTK DRTLIRIMVS RSETDLLDIR SEYKRMYGKS LYHDISGDTG GDYRKILLKI CGGND
Sequence Similarities	Belongs to the annexin family.Contains 4 annexin repeats.

GENE INFORMATION

Gene Name	ANXA11 annexin A11 [Homo sapiens]
Official Symbol	ANXA11
Synonyms	ANXA11; annexin A11; ANX11;
Gene ID	311
mRNA Refseq	NM_001157

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Protein Refseq	NP_001148
MIM	602572
Uniprot ID	P50995
Chromosome Location	10q22.3
Function	S100 alpha binding; calcium ion binding; calcium-dependent phospholipid binding; calcium-dependent protein binding; phosphatidylethanolamine binding;

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