

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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 45-1 Ramsey Road, Shirley, NY 11967, USA

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 SSGLVPRGSH MSYPGYPPPP GGYPPAAPGG GPWGGAAAYPP
 PPSMPPIGLD NVATYAGQFN QDYLSGMAAN MSGTFGGANM PNLYPGAPGA
 GYPPVPPGGF GQPPSAQQPV PPYGMYP PPG GNPPSRMP SY PPYPGAPVPG
 QPMP PP GQQP PGAYPGQPPV TYPGQPPVPL PGQQQP VPSY PGYPGSGT VT
 PAVPPTQFGS RGTITDAPGF DPLRDAEVL R KAMKGFGTDE QAIIDCLGSR
 SNKQRQKILL SFKTAYGKDL IKDLKSEL SG NFEKTILALM KTPVLFDIYE
 IKEAIKGVGT DEAC LIEILA SRSNEHIREL NRAYKA EFKK TLEEAI RSDT
 SGHFQRLLIS LSQGNRDEST NVDMSLAQRD AQELYAAGEN RLG TDESKFN
 AVLCSRSRAH LVAVFNEYQR MTGRDIEKSI CREMSGDLEE GMLAVVKCLK
 NTPAFFAERL NKAMRGAGTK DRTLIRIMVS RSETDLLDIR SEYK RMYGKS
 LYHDISGDTS GDYRKILLKI CGGND

Sequence

Belongs to the annexin family. Contains 4 annexin repeats.

Similarities

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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