Recombinant Full Length Human ANXA11 Protein, GST-tagged

Cat. No. ANXA11-1047HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANXA11 full-length ORF (AAH07564, 1 a.a. - 505 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
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 calcium-dependent phospholipid-binding sites. The encoded protein is a 56-kD antigen recognized by sera from patients with various autoimmune diseases. Several transcript variants encoding two different isoforms have been identified. [provided by RefSeq, Dec 2015]
Molecular Mass	81.29 kDa
AA Sequence	MSYPGYPPPP GGYPPAAPGG GPWGGAAYPP PPSMPPIGLD NVATYAGQFN QDYLSGMAAN MSGTFGGANM PNLYPGAPGA GYPPVPPGGF GQPPSAQQPV PPYGMYPPPG GNPPSRMPSY PPYPGAPVPG QPMPPPGQQP PGAYPGQPPV TYPGQPPVPL PGQQQPVPSY PGYPGSGTVT PAVPPTQFGS RGTITDAPGF DPLRDAEVLR KAMKGFGTDE QAIIDCLGSR SNKQRQQILL SFKTAYGKDL IKDLKSELSG NFEKTILALM KTPVLFDIYE IKEAIKGVGT DEACLIEILA SRSNEHIREL NRAYKAEFKK TLEEAIRSDT SGHFQRLLIS LSQGNRDEST

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	NVDMSLAQRD AQELYAAGEN RLGTDESKFN AVLCSRSRAH LVAVFNEYQR MTGRDIEKSI CREMSGDLEE GMLAVVKCLK NTPAFFAERL NKAMRGAGTR DRTLIRIMVS RSETDLLDIR SEYKRMYGKS LYHDISGDTS GDYRKILLKI CGGND
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ANXA11 annexin A11 [Homo sapiens]
Official Symbol	ANXA11
Synonyms	ANXA11; annexin A11; ANX11; CAP-50; annexin XI; annexin-11; 56 kDa autoantigen; autoantigen, 56-kD; calcyclin-associated annexin 50; CAP50
Gene ID	311
mRNA Refseq	NM_001157
Protein Refseq	NP_001148
MIM	602572
UniProt ID	P50995

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