

## Recombinant Human ANXA11 Protein, Avi tagged

Cat. No. ANXA11-6905H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ANXA11 Protein (1-505 aa) with Avi tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-505 aa
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	58 kDa
<b>AASequence</b>	MGSSGLNDIFEAQKIEWHESSGLVPRGSHMSYPGYPPPPGGYPPAAPGGGPWGG AAYPPPPSMPPIGLDNVATYAGQFNQDYLSGMAANMSGTFGGANMPNLYPGAPGA GYPPVPPGGFGQPPSAQQPVPPYGMYPGGNPPSRMPSYPPYPGAPVPGQPMP PPGQQPPGAYPGQPPVTPYPGQPPVPLPGQQQPVPSYPGYPGSGTVPVAVPPTQF GSRGTITDAPGFDPLRDAEVLRLKAMKGFQTDEQAIIDCLGSRSNKQRQQILLSFKTA

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YGKDLIKDLKSELSESGNFETILALMKTPVLFDIYEIKEAIKGVGTDEACILIEILASRSNEH  
 IRELNRAYKAEFKKTLLEEAIKSDTSGHFQRLISLSQGNRDESTNVDMSLAQRDAQE  
 LYAAGENRLGTDESKFNAVLCRSRAHLVAVFNEYQRMTGRDIEKSICREMSGDLE  
 EGMLAVVKCLKNTPAFFAERLNKAMRGAGTKDRTLIRIMVSRSETDLLDIRSEYKRM  
 YGKSLYHDISGDTSGDYRKILLKICGGND

**Purity** > 95% by SDS-PAGE

**Storage** Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

**Storage Buffer** Lyophilized from 50mM Tris, pH8.0, 300mM NaCl, 0.1% SKL, 5% Trehalose, 5% Mannitol

## GENE INFORMATION

**Gene Name** [ANXA11 annexin A11 \[ Homo sapiens \(human\) \]](#)

**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](#)

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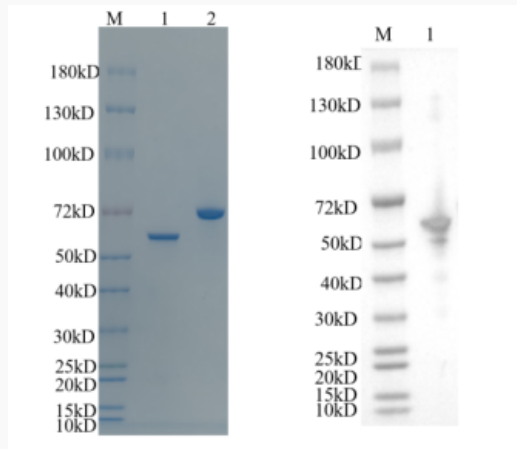
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**MIM** 602572

**UniProt ID** P50995

**SDS-PAGE and WB**



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Annexin A11 Mouse Monoclonal antibody) analysis profiles of purified ANXA11. 1. ANXA11: 1  $\mu$ g 2. BSA: 1  $\mu$ g

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