

Recombinant Human ANXA11 Protein, Avi tagged

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

SPECIFICATION

Product Overview	Recombinant Human ANXA11 Protein (1-505 aa) with Avi tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-505 aa
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.
Form	Lyophilized
Molecular Mass	58 kDa
AASequence	MGSSGLNDIFEAQKIEWHESSGLVPRGSHMSYPGYPPPPGGYPPAAPGGGPWGG AAYPPPPSPMPPIGLDNVATYAGQFNQDYLSGMAANMSGTFGGANMPNLYPGAPGA GYPPVPPGGFGQPPSAQQPVPPYGMYPPPGGNPPSRMPSYPPYPGAPVPGQPMP PPGQQPPGAYPGQPPVTYPGQPPVPLPGQQQPVPSYPGYPGSGTVPAPVPTQF GSRGTITDAPGFDPLRDAEVLRLKAMKGFGTDEQAIIDCLGSRSNKQRQQILLSFKTA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

YGKDLIKDLKSELSGNFECTILALMKTPVLFDIYEIKEAIKGVGTDEACILIEILASRSNEH
 IRELNRAYKAEFKKTLEEAIKSDTSQGHFQRLISLSQGNRDESTNVDMSLAQRDAQE
 LYAAGENRLGTDESKFNAVLCSSRAHLVAVFNEYQRMTGRDIEKSICREMSGDLE
 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; calyculin-associated annexin 50; CAP50

Gene ID [311](#)

mRNA Refseq [NM_001157](#)

Protein Refseq [NP_001148](#)

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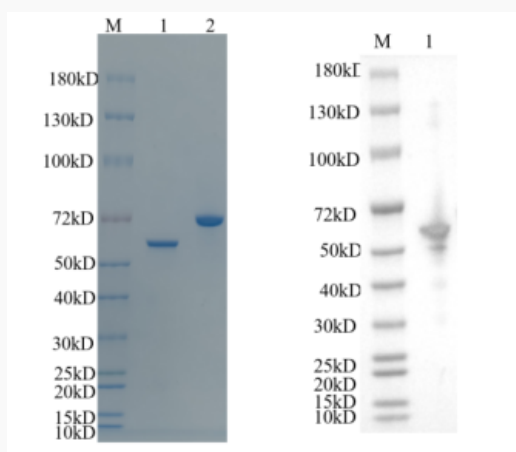
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MIM 602572

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 µg 2. BSA: 1 µg

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