

Recombinant Human ANXA11 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ANXA11-3250H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

ANXA11 MS Standard C13 and N15-labeled recombinant protein (NP_665876) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

54.2 kDa

AA Sequence

MSYPGYPPPPGGYPPAAPGGGPWGGAAAYPPPPSMPPIGLDNVATYAGQFNQDYL
SGMAANMSGTFGGANMPNLYPGAPGAGYPPVPPGGFGQPPSAQQPVPPYGMYP
PPGGNPPSRMPSYPPYPGAPVPGQPMPPPGQQPPGAYPGQPPVTYPGQPPVPLP
GQQQPVPSYPGYPGSGTVTPAVPPTQFGSRGTITDAPGFDPLRDAEVLKAMKGF
GTDEQAIIDCLGSRSNKQRQQILLSFKTAYGKDLIKDLKSELSGNFEKILALMKTPVL
FDIYEIKEAIKGVGTDEACLIEILASRSNEHIRELNRAYKAEFKKTLLEEAIRSDTSGHFQ
RLILISLQGNRDESTNVDMSLAQRDAQELYAAGENRLGTDESKFNAVLCRSRAHL

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VAVFNEYQRMTGRDIEKSICREMSGDLEEGMLAVVKCLKNTPAFFAERLNKAMRGA
 GTKDRTLIRIMVSRSETDLLDIRSEYKRMYGKSLYHDISGDTSGDYRKILLKICGGNDT
 RTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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_145869](#)

Protein Refseq [NP_665876](#)

MIM [602572](#)

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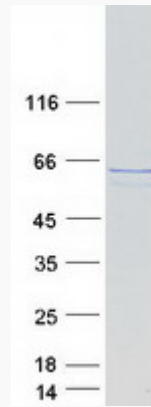
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UniProt ID

P50995

SDS-PAGE



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