

Product datasheet for PH312191

Annexin A11 (ANXA11) (NM_001157) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANXA11 MS Standard C13 and N15-labeled recombinant protein (NP_001148)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212191
Predicted MW:	54.4 kDa
Protein Sequence:	>RC212191 protein sequence Red=Cloning site Green=Tags(s)

MSYPGYPPPPGGYPPAAPGGGPWGGAAYPPPPSMPPIGLDNVATYAGQFNQDYLSGMAANMSGTFGGANM
PNLYPGAPGAGYPPVPPGGFGQPPSAQQPVPPYGYPPPGGNPPSRMPSYPPYPGAPVPGQPMPPPGQQP
PGAYPGQPPVTPYGPQPPVPLPGQQQPVPSYPGYPGSGTVTPAVPPTQFGSRGTITDAPGFDPLRDAEVL
KAMKGFGTDEQAIIDCLGSRSNKQRQIILL SFKTAYGKDLIKDLKSEL SGNFEKTI LALMKTPVLFDIYE
IKEAIKGVGTDEACLEIEILASRSNEHIRELNRAYKAEFKKTLEEAIRSDTSGHFQRL LISLSQGNRDEST
NVDMSLAQRDAQEL YAAGENRLGTDESKFNAVLCSRSRAHLVAVFNEYQRMTGRDIEKSICREMSGDLEE
GMLAVVKCLKNTPAFFAERLNKAMRGAGTKDRTLIRIMVSRSETDLLDIRSEYKRMYGKSLYHDISGDT
GDYRKILLKICGGND

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001148</u>
RefSeq Size:	2486
RefSeq ORF:	1515



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Synonyms: ALS23; ANX11; CAP-50; CAP50

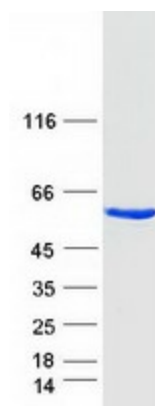
Locus ID: 311

UniProt ID: [P50995](#), [Q5T0G8](#)

Cytogenetics: 10q22.3

Summary: 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]

Product images:



Coomassie blue staining of purified ANXA11 protein (Cat# [TP312191]). The protein was produced from HEK293T cells transfected with ANXA11 cDNA clone (Cat# [RC212191]) using MegaTran 2.0 (Cat# [TT210002]).