

Product datasheet for PH316809

Annexin VI (ANXA6) (NM_004033) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANXA6 MS Standard C13 and N15-labeled recombinant protein (NP_004024)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216809
Predicted MW:	75.1 kDa
Protein Sequence:	>RC216809 representing NM_004033 Red=Cloning site Green=Tags(s)

MAKPAQGAKYRGSIHDFPGFDPNQDAEALYTAMKGFSDKEAILDIITSRSNRQRQEVCSYKSLYGKDL
IADLKYELTGKFERLIVGLMRPPAYCDAKEIKDAISGIGTDEKCLIEILASRTNEQMHQLVAAYKDAYER
DLEADIIIGDTSGHFQKMLVLLQGTREEDDVVSEDLVQQDVQDLYEAGELKWTDEAQFIYILGNRSKQH
LRLVFDEYLKTTGKPIEASIRGELSGDFEKLMLAVVKCIRSTPEYFAERLFKAMKGLGTRDNTLIRIMVS
RSELDMLDIREIFRTKYEKSLYSMIKNDTSGEYKKTLLKLSGGDDDAAGQFFPEAAQVAYQMWELSAVAR
VELKGTVRPANDFNPDADAKALRKAMKGLGTDEDTIIDIIITHRSNVQRQQIRQTFKSHFGRDLMTDLKSE
ISGDLARLILGLMPPAHYDAKQLKAMEGAGTDEKALIEILATRTRNAEIRAINAEYKEDYHKSLEDALS
SDTSGHFRRILISLATGHREEGGENLDQAREDAQEIAIDTPSGDKTSLETRFMTILCTRSYPHLRRVFQEF
IKMTNYDVEHTIKKEMSGDVRDAFVAIVQSVKNKPLFFADKLYKSMKGAGTDEKTLTRIMVSRSEIDLLN
IRREFIEKYDKSLHQAIEGDTSGDFLKALLALCGGED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

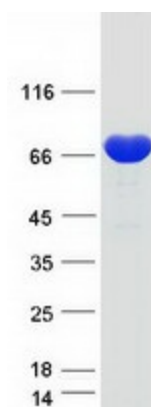
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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:	NP_004024
RefSeq Size:	2897



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RefSeq ORF:	2001
Synonyms:	annexin A6; annexin VI; annexin VI (p68); ANX6; calcium-binding protein p68; calelectrin; calphobindin II; CBP68
Locus ID:	309
UniProt ID:	P08133
Cytogenetics:	5q33.1
Summary:	<p>Annexin VI belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. Alternatively spliced transcript variants have been described. [provided by RefSeq, Aug 2010]</p>

Product images:



Coomassie blue staining of purified ANXA6 protein (Cat# [TP316809]). The protein was produced from HEK293T cells transfected with ANXA6 cDNA clone (Cat# [RC216809]) using MegaTran 2.0 (Cat# [TT210002]).