

Product datasheet for PH303229

Annexin IV (ANXA4) (NM_001153) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANXA4 MS Standard C13 and N15-labeled recombinant protein (NP_001144)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203229
Predicted MW:	36.1 kDa
Protein Sequence:	>RC203229 protein sequence Red=Cloning site Green=Tags(s) MAMATKGGTVKAASGFNAMEDAQTLRKAMKGLGTDEDAIISVLAYRNDAQRQEIRTAAYKSTIGRDLIDDL KSELSGNFEQVIVGMMTPVLYDVQELRRAMKGAGTDEGCLIEILASRTPEEIRRISQTYQQYGRSLED DIRSDTSFMFQRVLVSL SAGGRDEGNLDDALVRQDAQDLYEAGEKKWGTDEVKFLTVLCSRNRNHLHV FDEYKRISQKDIEQSIKSETSGSFEDALLAIVKCMRNKSAYFAEKLKSMKGLGTDNTLIRVMVSRAEI DMLDIRAHFKRLYGKSLYSFIKGDTSGDYRKVLLVLCGGDD 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_001144</u>
RefSeq Size:	2158
RefSeq ORF:	963
Synonyms:	ANX4; HEL-S-274; P32.5; PAP-II; PIG28; PP4-X; ZAP36
Locus ID:	307



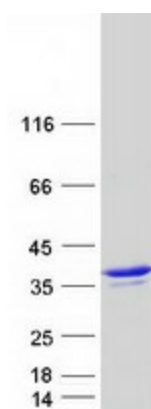
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UniProt ID: [P09525](#), [Q6P452](#), [Q6LES2](#)

Cytogenetics: 2p13.3

Summary: Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. ANX4 has 45 to 59% identity with other members of its family and shares a similar size and exon-intron organization. Isolated from human placenta, ANX4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANX4 is almost exclusively expressed in epithelial cells. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2016]

Product images:



Coomassie blue staining of purified ANXA4 protein (Cat# [TP303229]). The protein was produced from HEK293T cells transfected with ANXA4 cDNA clone (Cat# [RC203229]) using MegaTran 2.0 (Cat# [TT210002]).