

Product datasheet for **TP303229M**

Annexin IV (ANXA4) (NM_001153) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human annexin A4 (ANXA4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203229 protein sequence Red=Cloning site Green=Tags(s)

MAMATKGGTVKAASGFNAMEDAQTLRKAMKGLGTDEDAIISVLAYRNTAQRQEIRTAYKSTIGRDLIDDL
KSELSGNFEQVIVGMMTPTVLYDVQELRRAMKAGTDEGLIEILASRTPEEIRRISQTYQQYGRSLED
DIRSDTSFMFQRVLVLSL SAGGRDEGNYLDDALVRQDAQDLYEAGEKKWGTDEVKFLT V LCSRNRN HLLHV
FDEYKRISQKDIEQSIKSETSGSFEDALLAIVKCMRNKSAYFAEKLYKSMKGLGTDDNTLIRVMVSR AEI
DMLDIRAHFKRLYGKSLYSFIKGDTS GDYRKVLLVLCGGDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	35.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001144
Locus ID:	307

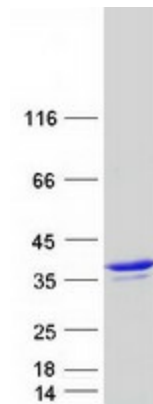


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UniProt ID: [P09525](#), [Q6P452](#), [Q6LES2](#)
RefSeq Size: 2158
Cytogenetics: 2p13.3
RefSeq ORF: 963
Synonyms: ANX4; HEL-S-274; P32.5; PAP-II; PIG28; PP4-X; ZAP36

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]).