

Recombinant Full Length Human ANXA4 Protein, C-Flag-tagged

Cat. No. ANXA4-1683HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ANXA4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.9 kDa
AA Sequence	MAMATKGGTVKAASGFNAMEDAQTLRKAMKGLGTDDEDAIISVLAYRNTAQRQEIRT AYKSTIGRDLDDL KSELSGNFEQVIVGMMTPTVLYDVQELRRAMKGAGTDEGCLIEI LASRTPEEIRRISQTYQQQYGRSLED DIRSDTSFMFQRVLVSLSAGGRDEGNYLDD

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ALVRQDAQDLYEAGEKKWGTDEVKFLTVLCSRNRNHLHV FDEYKRISQKDIEQSIK
SETSGSFEDALLAIVKCMRNKSAYFAEKLYKSMKGLGTDDNTLIRVMVSRAEI
DMLDIRAHFKRLYGKSLYSFIKGDTS GDYRKVLLVLCGGDDTRTRPLEQKLISEEDLA
ANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	ANXA4 annexin A4 [Homo sapiens (human)]
Official Symbol	ANXA4
Synonyms	ANX4; P32.5; PIG28; PP4-X; ZAP36; PAP-II; HEL-S-274
Gene ID	307
mRNA Refseq	NM_001153.5

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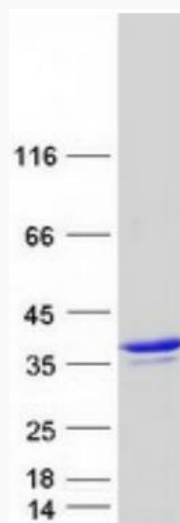
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Protein Refseq [NP_001144.1](#)

MIM [106491](#)

UniProt ID [P09525](#)



Coomassie blue staining of purified ANXA4 protein.

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