

Recombinant Human ANXA4 Protein, His-tagged

Cat. No. ANXA4-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANXA4 Protein 1-321 aa (full-length) with a 6xHis tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-321 a.a.
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.
Molecular Mass	3.7 kDa
Purity	>99% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB).
Applications	ELISA, WB, Antibody Production, Protein array

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Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-annexin A4 monoclonal (WB) and peptide fingerprinting by MALDI-TOF mass spectrometry.
Storage	Store working aliquots at 4 centigrade for up to one week. For extended storage, conserve at -80 centigrade.
Expiry	12 months from the date of purchase, if it is properly stored.
Storage Buffer	Phosphate-Buffered Saline (PBS), pH 7.4 and 30% glycerol. No preservatives added.

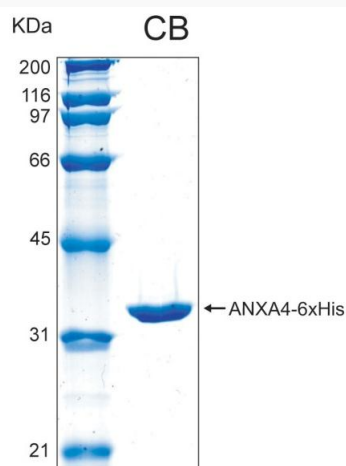
GENE INFORMATION

Gene Name	ANXA4 annexin A4 [Homo sapiens (human)]
Official Symbol	ANXA4
Synonyms	ANXA4; annexin A4; ANX4; P32.5; PIG28; PP4-X; ZAP36; PAP-II; HEL-S-274; annexin A4; 35-beta calcimedin; annexin IV (placental anticoagulant protein II); nnexin-4; carbohydrate-binding protein p33/p41; chromobindin-4; endonexin I; epididymis secretory protein Li 274; lipocortin IV; placental anticoagulant protein II; proliferation-inducing gene 28; proliferation-inducing protein 28; protein II
Gene ID	307
mRNA Refseq	NM_001153
Protein Refseq	NP_001144
MIM	106491
UniProt ID	P09525

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