

Recombinant Human ANXA4, His-tagged

Cat. No. ANXA4-26597TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-321 of Human Annexin IV with 6x His tag expressed in HEK293E cells; 327aa with tag, 36.1kDa (without tag).Protein Accession:
Species	Human
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.
Conjugation	HIS
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 30% Glycerol, PBS, pH 7.4

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -20oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the annexin family.Contains 4 annexin repeats.
Full Length	Full L.
GENE INFORMATION	
Gene Name	ANXA4 annexin A4 [Homo sapiens]
Official Symbol	ANXA4
Synonyms	ANXA4; annexin A4; ANX4;
Gene ID	307
mRNA Refseq	NM_001153
Protein Refseq	NP_001144
MIM	106491
Uniprot ID	P09525
Chromosome Location	2p13.3
Pathway	Prostaglandin Synthesis and Regulation, organism-specific biosystem;
Function	calcium ion binding; calcium ion binding; calcium-dependent phospholipid binding;

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