Recombinant Full Length Human ANXA4 Protein, GST-tagged

Cat. No. ANXA4-1044HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANXA4 full-length ORF (AAH00182, 1 a.a. - 321 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	321 amino acids
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. [provided by RefSeq, Mar 2016]
Molecular Mass	61.05 kDa
AA Sequence	MAMATKGGTV KAASGFNAME DAQTLRKAMK GLGTDEDAII SVLAYRNTAQ RQEIRTAYKS TIGRDLIDDL KSELSGNFEQ VIVGMMTPTV LYDVQELRRA MKGAGTDEGC LIEILASRTP EEIRRISQTY QQQYGRSLED DIRSDTSFMF

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	QRVLVSLSAG GRDEGNYLDD ALVRQDAQDL YEAGEKKWGT DEVKFLTVLC SRNRNHLLHV FDEYKRISQK DIEQSIKSET SGSFEDALLA IVKCMRNKSA YFAEKLYKSM KGLGTDDNTL IRVMVSRAEI DMLDIRAHFK RLYGKSLYSF IKGDTSGDYR KVLLVLCGGD D
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ANXA4 annexin A4 [Homo sapiens]
Official Symbol	ANXA4
Synonyms	ANXA4; annexin A4; ANX4; P32.5; PP4-X; PAP-II; annexin-4; protein II; endonexin I; lipocortin IV; chromobindin-4; 35-beta calcimedin; proliferation-inducing gene 28; proliferation-inducing protein 28; placental anticoagulant protein II; carbohydrate-binding protein p33/p41; annexin IV (placental anticoagulant protein II); PIG28; ZAP36; MGC75105; DKFZp686H02120
Gene ID	307
mRNA Refseq	NM_001153
Protein Refseq	NP_001144
MIM	106491

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UniProt ID	P09525

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