

# Recombinant Full Length Human ANXA4 Protein, GST-tagged

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

## SPECIFICATION

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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QRVLVLSL SAG 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 calcimedlin; 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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P09525

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA