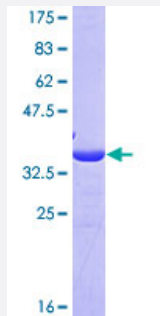


ANXA4 (Human) Recombinant Protein (Q01)

Catalog # H00000307-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ANXA4 partial ORF (NP_001144, 224 a.a. - 319 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QSIKSETSGSFEDALLAVKCMRNKSAYFAEKLYKSMKGLGTDDNTLIRVMVSRAEIDMLDIRAHFK RLYGKSLYSFIKGDTSGDYRKVLLVLCGG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.3
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ANXA4

Entrez GeneID [307](#)

GeneBank Accession# [NM_001153](#)

Protein Accession# [NP_001144](#)

Gene Name ANXA4

Gene Alias ANX4, DKFZp686H02120, MGC75105, PIG28, ZAP36

Gene Description annexin A4

Omim ID [106491](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations annexin IV|annexin IV (placental anticoagulant protein II)|placental anticoagulant protein II|proliferation-inducing gene 28|proliferation-inducing protein 28

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Tobacco Use Disorder](#)