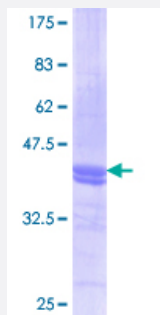


ANXA2 (Human) Recombinant Protein (Q01)

Catalog # H00000302-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ANXA2 partial ORF (AAH09564.1, 186 a.a. - 268 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	IDYELIDQDARDLYDAGVKRKGTDPKVISIMTERSVPHLQKVFDTRYKSYSPYDMLIESIRKEVKGD LENAFLNLVQCIQNKPL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.76
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 — ANXA2

Entrez GeneID [302](#)

GeneBank Accession# [BC009564](#)

Protein Accession# [AAH09564.1](#)

Gene Name ANXA2

Gene Alias ANX2, ANX2L4, CAL1H, LIP2, LPC2, LPC2D, P36, PAP-IV

Gene Description annexin A2

Omim ID [151740](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000163650|annexin II|calpactin I heavy polypeptide|chromobindin 8|lipocortin II|platelet anticoagulant protein IV

Disease

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

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Osteonecrosis](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)