

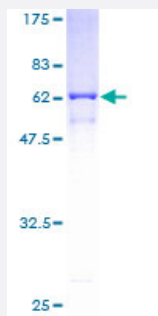
Full-Length

ANXA9 (Human) Recombinant Protein (P01)

Catalog # H00008416-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ANXA9 full-length ORF (AAH05830, 1 a.a. - 338 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAPSLTQEILSHLGLASKTAAWGTGTLRTFLNFSVDKDAQRLLRITGQGVDRSAMDVLTNRSR
EQRQLISRNFAQERTQQDLMKSLQAALSGNLERIVMALLQPTAQFDAQELRTALKASDSAVIDVAIEI
LATRTPPQLQECLAVYKHNQVEAVDDITSETSGILQDLLLLALAKGGRDSYSGIIDYNLAEQDVQAL
QRAEGPSREETWVPVFTQRNPEHLIRVFDQYQRSTGQEEEAQNRFHGDAQVALLGLASVIKN
TPLYFADKLHQALQETEPNYQVLIRILISRCETDLLSIRAEFRKKFGKSLYSSLQDAVKGDCQSALLA
LCRAEDM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62.92

Interspecies Antigen Sequence

Mouse (78); Rat (78)

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 — ANXA9

Entrez GeneID[8416](#)**GeneBank Accession#**[BC005830](#)**Protein Accession#**[AAH05830](#)**Gene Name**

ANXA9

Gene Alias

ANX31

Gene Description

annexin A9

Omim ID[603319](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The annexins are a family of calcium-dependent phospholipid-binding proteins. Members of the annexin family contain 4 internal repeat domains, each of which includes a type II calcium-binding site. The calcium-binding sites are required for annexins to aggregate and cooperatively bind anionic phospholipids and extracellular matrix proteins. This gene encodes a divergent member of the annexin protein family in which all four homologous type II calcium-binding sites in the conserved tetrad core contain amino acid substitutions that ablate their function. However, structural analysis suggests that the conserved putative ion channel formed by the tetrad core is intact. [provided by RefSeq]

Other Designations

OTTHUMP00000033027|annexin 31|annexin XXXI