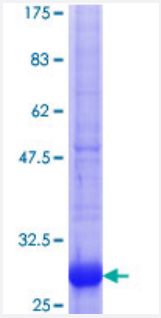
ANXA9 (Human) Recombinant Protein (Q01)

Catalog # H00008416-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ANXA9 partial ORF (NP_003559.1, 270 a.a. - 338 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	DKLHQALQETEPNYQVLIRILISRCETDLLSIRAEFRKKFGKSLYSSLQDAVKGDCQSALLALCRAE DM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.33
Interspecies Antigen Sequence	Mouse (84); Rat (84)
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.

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Applications

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

Gene Info — ANXA9

Entrez GeneID	8416
GeneBank Accession#	NM_003568
Protein Accession#	NP_003559.1
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 a nnexin family contain 4 internal repeat domains, each of which includes a type II calcium-binding si te. The calcium-binding sites are required for annexins to aggregate and cooperatively bind anion ic 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 t etrad 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

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