

Recombinant Human ANXA9 protein, GST-tagged

Cat. No. ANXA9-639H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANXA9 partial ORF (NP_003559.1, 270 a.a. - 338 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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, Jul 200
Molecular Mass	33.33 kDa
AA Sequence	DKLHQALQETEPNYQVLIRILISRCETDLLSIRAEFRKKFGKSLYSSLQDAVKGDCQS ALLALCRAEDM
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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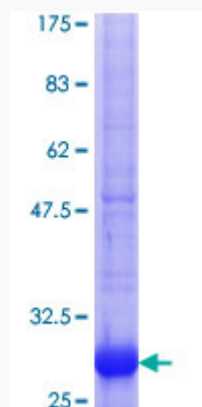
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ANXA9 annexin A9 [Homo sapiens]
Official Symbol	ANXA9
Synonyms	ANXA9; annexin A9; ANX31; annexin-9; pemphaxin; annexin 31; annexin-31; annexin XXXI;
Gene ID	8416
mRNA Refseq	NM_003568
Protein Refseq	NP_003559
MIM	603319
UniProt ID	O76027

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12.5% SDS-PAGE Stained with Coomassie Blue.

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