# Recombinant Human ANXA9 protein, GST-tagged

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

## SPECIFICATION

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| **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 |

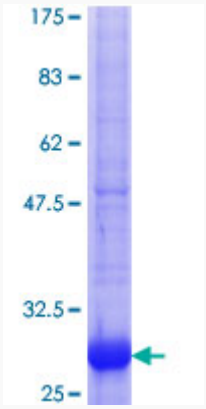
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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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

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| **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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