

Recombinant Human ANXA9 Protein, His-tagged

Cat. No. ANXA9-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANXA9 Protein 1-338 aa (full-length) with a 6xHis tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-338 a.a.
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.
Molecular Mass	29.3 kDa
Purity	>95% confirmed by 12% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis (WB).
Applications	ELISA, WB, Antibody Production, Protein array

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Quality Control Test	12% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis (WB) serum and peptide fingerprinting by MALDI-TOF-TOF mass spectrometry.
Storage	Store working aliquots at 4 centigrade for up to one week. For extended storage, conserve at -80 centigrade.
Expiry	12 months from the date of purchase, if it is properly stored.
Storage Buffer	20mM Tris-HCl, 0.5M NaCl, 100mM imidazole, 1mM 2-mercaptoethanol, pH:8.0 and contains not preservatives.
Shipping	Dry Ice

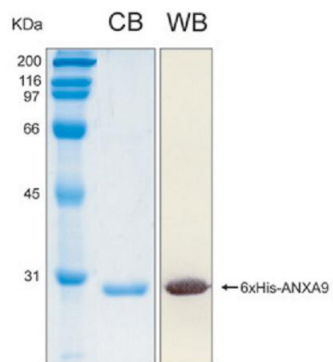
GENE INFORMATION

Gene Name	ANXA9 annexin A9 [Homo sapiens (human)]
Official Symbol	ANXA9
Synonyms	ANXA9; annexin A9; ANX31; annexin A9; annexin 31; annexin XXXI; annexin-9; pemphaxin
Gene ID	8416
mRNA Refseq	NM_003568
Protein Refseq	NP_003559
MIM	603319
UniProt ID	O76027

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