

Recombinant Human ANXA9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ANXA9-6560H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ANXA9 MS Standard C13 and N15-labeled recombinant protein (NP_003559) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	37.7 kDa
AA Sequence	MAPSLTQEILSHLGLASKTAAWGTLGTLRFLNFSVDKDAQRLLRITGQGVDRSAIV DVLTNRSREQRQLISRNQFQERTQQDLMKSLQAALSGNLERIVMALLQPTAQFDAQE LRTALKASDSAVIDVAIEILATRTTPPQLQECLAVYKHNFQVEAVDDITSETSGILQDLLL ALAKGGRDSYSGIIDYNLAEQDVQALQRAEGPSREETWVPVFTQRNPEHLIRVFDQ

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YQRSTGQELEEAVQNRFHGDAQVALLGLASVIKNTPLYFADKLHQALQETEPNYQV
LIRILISRCETDLLSIRAEFRKKFGKSLYSSLQDAVKGDCQSALLALCRAEDMTRTRPL
EQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ANXA9 annexin A9 [Homo sapiens (human)]

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

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UniProt ID

O76027

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