

Recombinant Human Annexin A9, His-tagged

Cat. No. ANXA9-5261H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinanthuman ANXA9 was expressed in E.coli with an N-terminal Histag.
Species	Human
Source	E.coli
Description	AnnexinA9 (ANXA9), otherwise known as ANXA31 and pemphaxin, is a calcium-dependent phospholipid-binding protein and member of the annexin family, expressed by stratified squamous skin epithelium, which may act as a low affinity receptor for acetylcholine. ANXA9 is a target molecule for autoantibodies in patients with the chronic autoimmune skin disease pemphigus vulgaris, characterised by epidermal blisters resulting from the loss of cell-cell adhesion.
Form	Purified recombinant protein-liquid.
Application	ELISA; West Blotting
Preparation	Purified recombinant 6x His-tagged ANXA9 expressed in E.coli.
Buffer Solution	20mM, Tris-HCl 0.5M NaCl, 100mM Imidazole, 1mM Beta-mercaptoethanol, pH8.0.
Molecular Weight	29.3 kD (360 amino acid residues with tag).
Concentration	0.5mg/ml

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Storage

Store at -70oC.Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name [ANXA9 annexin A9 \[Homosapiens \]](#)

Official Symbol [ANXA9](#)

Synonyms [ANXA9](#);annexin A9; [ANX31](#);annexin A9; annexin-9; pemphaxin; annexin 31; annexin-31; annexin XXXI;OTTHUMP00000033027

Gene ID [8416](#)

mRNA Refseq [NM_003568](#)

Protein Refseq [NP_003559](#)

MIM [603319](#)

UniProt ID [O76027](#)

Chromosome Location 1q21.2

Function acetylcholinereceptor activity; calcium ion binding; calcium-dependent phospholipidbinding; phosphatidylserine binding; phospholipid binding; proteinhomodimerization activity

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