

Recombinant Human NLRP9 protein, His-tagged

Cat. No. NLRP9-6745H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLRP9 protein(603-947 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	603-947 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	PDDSGCISDYNEKLVYWRELCSMFITNKNFQILDMENTSLDDPSLAILCKALAQPVCK LRKLIFTSVYFGHDESELFKAVLHNPHLKLLSLYGTSLSQSDIRHLCETLKHPMCKIEELI LGKCDISSEVCEDIASVLACNSKLKHLNPLRDEGMTLLCEALKHSHCALERLML MYCCLTSVSCDSISEVLLCSKSLSLDLGSNALEDNGVASLCAALKHPGCSIRELWL MGCFLTSDSCKDIAAVLICNGKLTCLKLGHNEIGDTGVRQLCAALQHPHCKLECLGL QTCPIRACCDDIAAALIACKTLRSLNLDWIALDADAVVVLCEALSHPDICALQML
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name

NLRP9 NLR family, pyrin domain containing 9 [Homo sapiens]

Official Symbol

NLRP9

Synonyms

NLRP9; NLR family, pyrin domain containing 9; NACHT, leucine rich repeat and PYD containing 9 , NALP9; NACHT, LRR and PYD domains-containing protein 9; CLR19.1; NOD6; nucleotide binding oligomerization domain; leucine rich repeat and pyrin domain containing 9; PAN12; PYRIN and NACHT-containing protein 12; NACHT, LRR and PYD containing protein 9; NACHT, leucine rich repeat and PYD containing 9; nucleotide-binding oligomerization domain protein 6; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 9; NALP9;

Gene ID

338321

mRNA Refseq

NM_176820

Protein Refseq

NP_789790

MIM

609663

UniProt ID

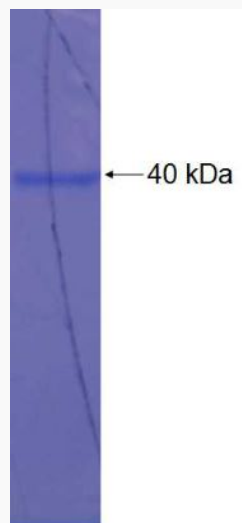
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SDS-PAGE



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