

Recombinant Human NLRP1 protein, MYC/DDK-tagged

Cat. No. NLRP1-3804H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLRP1 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	165.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	NLRP1 NLR family, pyrin domain containing 1 [Homo sapiens]
Official Symbol	NLRP1
Synonyms	NLRP1; NLR family, pyrin domain containing 1; NACHT, leucine rich repeat and PYD

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(pyrin domain) containing 1 , NALP1; NACHT, LRR and PYD domains-containing protein 1; CARD7; CLR17.1; DEFCAP; DKFZp586O1822; KIAA0926; NAC; nucleotide binding oligomerization domain; leucine rich repeat and pyrin domain containing 1; caspase recruitment domain protein 7; NACHT, LRR and PYD containing protein 1; NACHT, leucine rich repeat and PYD containing 1; caspase recruitment domain-containing protein 7; nucleotide-binding domain and caspase recruitment domain; death effector filament-forming Ced-4-like apoptosis protein; NACHT, leucine rich repeat and PYD (pyrin domain) containing 1; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 1; NALP1; SLEV1; PP1044; VAMAS1; DEFCAP-L/S;

Gene ID [22861](#)

mRNA Refseq [NM_033004](#)

Protein Refseq [NP_127497](#)

MIM [606636](#)

UniProt ID [Q9C000](#)

Chromosome Location 17p13

Pathway Cellular roles of Anthrax toxin, organism-specific biosystem; Immune System, organism-specific biosystem; Inflammasomes, organism-specific biosystem; Innate Immune System, organism-specific biosystem; NOD-like receptor signaling pathway, organism-specific biosystem; NOD-like receptor signaling pathway, conserved biosystem; Nucleotide-binding domain, leucine rich repeat containing receptor (NLR) signaling pathways, organism-specific biosystem;

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Function

ATP binding; cysteine-type endopeptidase activator activity involved in apoptotic process; enzyme binding; nucleotide binding; protein binding; protein domain specific binding;

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