

Recombinant Human NLRP1 protein(1-146aa), GST-tagged

Cat. No. NLRP1-2343H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLRP1 protein(Q9C000)(1-146aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-146aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	42.9 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence MPLDPYHSVTWGHAAQGSHHFVFGELRVRPIESLRDEPDPPRPSREGPAGRVA
LARGGPEPCDAASPPGGASCAPELARPREDKSAQQAKLEGGTRLCCRCPEESRLV
PGGAVSPGDHVLEVSGTRGTGCRPRRHAGPELAHS

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 (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_001033053](#)

Protein Refseq [NP_001028225](#)

MIM [606636](#)

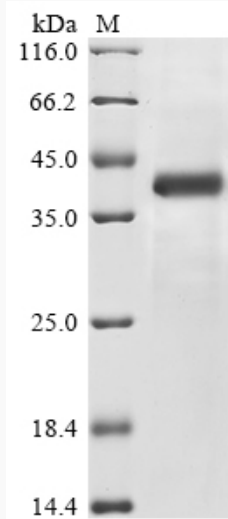
UniProt ID [Q9C000](#)

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SDS-PAGE



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