

Recombinant Human NLRP3 protein, His-SUMO-tagged

Cat. No. NLRP3-3003H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLRP3 protein(Q96P20)(733-1036aa), fused with N-terminal His-SUMO tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	733-1036aa
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	45.6 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

LFSVLSTSQSLTELDLSDNSLGDPMRVLCETLQHPGCNIRRLWLGRGCLSHECCF
 DISLVLSSNQKLVELDLSDNALGDFGIRLLCVGLKHLLCNLKKLWLVSCCLTSACCQD
 LASVLSTSHSLTRLYVGENALGDSGVAILCEKAKNPQC�NLQKLGLVNSGLTSVCCSA
 LSSVLSTNQNLTHLYLRGNTLGDKGIKLLCEGLLHPDCKLQVLELDNCNLTSHCWD
 LSTLLTSSQSLRKLSLGNNDLGDVGMMFCEVLKQQSCLLQNLGLSEMYFNYETKS
 ALETLQEEKPELTVVFPSW

GENE INFORMATION

Gene Name [NLRP3 NLR family, pyrin domain containing 3 \[Homo sapiens \]](#)

Official Symbol [NLRP3](#)

Synonyms NLRP3; NLR family, pyrin domain containing 3; C1orf7, CIAS1, cold autoinflammatory syndrome 1; NACHT, LRR and PYD domains-containing protein 3; AGTAVPRL; All; AVP; CLR1.1; Cryopyrin; FCAS; FCU; MWS; NALP3; nucleotide binding oligomerization domain; leucine rich repeat and pyrin domain containing 3; PYPAF1; cryopyrin; caterpillar protein 1.1; PYRIN-containing APAF1-like protein 1; NACHT, LRR and PYD containing protein 3; cold autoinflammatory syndrome 1 protein; NACHT domain-, leucine-rich repeat-, and PYD-containing protein 3; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 3; CIAS1; C1orf7; FLJ95925;

Gene ID [114548](#)

mRNA Refseq [NM_001079821](#)

Protein Refseq [NP_001073289](#)

MIM [606416](#)

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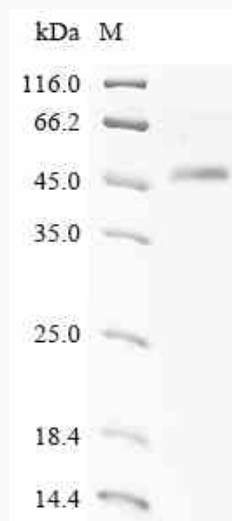
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UniProt ID

Q96P20

SDS-PAGE



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