

NLR Family, Pyrin Domain Containing Protein 3 Recombinant Protein | NLRP3 recombinant protein

Recombinant NLR Family, Pyrin Domain Containing Protein 3 (NLRP3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA150310	E.coli	Homo sapiens (Human)	Western Blot, SDS-Page

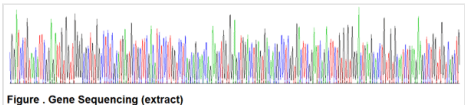
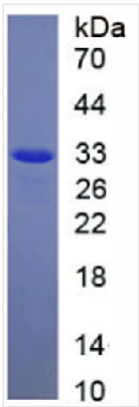
PRODUCT SYNONYMS

NLR Family; Pyrin Domain Containing Protein 3; Recombinant NLR Family; Pyrin Domain Containing Protein 3 (NLRP3); AVP; AGTAVPRL; AII; AII/AVP; C1orf7; CIAS1; CLR1.1; FCAS; FCU; MWS; NALP3; PYPAF1; Cryopyrin; Cold Induced Autoinflammatory Syndrome 1; Caterpillar-Like Receptor 1.1; NLRP3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 350ug/mL (varies by lot)
Applicable Applications for NLRP3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Cys770~Trp1036
Tags	N-terminal His Tag
Subcellular Location	Membrane, Nucleus, Secreted, Cytoplasm, Golgi apparatus, Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	5.7
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequencing

SDS_PAGE

[IDENTIFICATION]

Identification

C NIRRLLWLRG GLSHECCFDI SLVLSSNQKL
VELDLSNAL GDFGIRLLCV GLKHLLENLK KLWLVSCLT SACCQDLASV
LSTSHSLTRL YVGENALGDS GVAILCEKAK NPQCNLQKLG LVNSGLTSVC
CSALSSVLST NQNLTHLYLR GNTLGDKGK LLCEGLLHPD CKLQVLELDN
CNLTSHCCHD LSTLLTSSQS LRKLSLGND LGDLGVMFEC EVLKQQSCLL
QNLGLSEMYF NYETKSALET LQEEKPELTV VFEPST

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for NLRP3 recombinant protein	Signal transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1784638299
NCBI Accession #	NP_899632
NCBI GenBank Nucleotide #	NP_899632.2
UniProt Accession #	Q96P20
Molecular Weight	Predicted Molecular Mass: 33kDa Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 3 isoform b
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 3
UniProt Gene Name	NLRP3
UniProt Synonym Gene Names	C1orf7; CIAS1; NALP3; PYPAF1; CLR1.1
UniProt Entry Name	NALP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.