

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

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

CATALOG # AAA153692	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

NLR Family; Pyrin Domain Containing Protein 3 (NLRP3); Recombinant NLR Family; Pyrin Domain Containing Protein 3; NLRP3 recombinant protein (prokaryotic); Mouse; 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

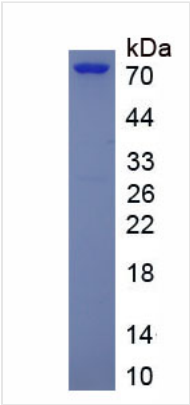
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Cys671~Trp1033
Applicable Applications for NLRP3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.1
Subcellular Location	Secreted
Research Area	Signal transduction
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

CHRVKTLSLG FFHNSPKEEE EERRGGRPLD
QVQCVFPDTH VACSSRLVNC CLTSSFCRGL FSSLSTNRSI TELDSLNTL
GDPGMRVLCE ALQHPGCIQ RLWLGRCGLS HQCCFDISSV LSSSQKLVEL
DLSDNALGDF GIRLLCVGLK HLLCNLQKLI LVSCCLTSAC CQDLALVLS
NHSLTRLYIG ENALGDSGVQ VLCEKMKDPQ CNLQKLGVLN SGLTSICCSA
LTSVLKTNQN FTHLYLRSNA LGDTGLRLLC EGLLHPDCKL QMLELDNCSL
TSHSCWNLST ILTHNHSRLK LNLGNNDLGD LCVVTLCEVL KQGGCLLQSL
QLGEMYNRE TKRALEALQE EKPELTIVFE ISW

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for NLRP3 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22003870
NCBI GeneID	216799
NCBI Accession #	NP_665826.1
NCBI GenBank Nucleotide #	NM_145827.3
UniProt Accession #	T1W2H6; Q1JQ87; Q1JQ88; Q6JEL0; Q8R4B8
Molecular Weight	118,275 Da
NCBI Official Full Name	NACHT, LRR and PYD domains-containing protein 3
NCBI Official Synonym Full Names	NLR family, pyrin domain containing 3
NCBI Official Symbol	Nlrp3
NCBI Official Synonym Symbols	FCU; MWS; FCAS; Cias1; Mmig1; NALP3; Pypaf1; AII/AVP; AGTAVPRL
NCBI Protein Information	NACHT, LRR and PYD domains-containing protein 3; cryopyrin; PYRIN-containing APAF1-like protein 1; cold autoinflammatory syndrome 1 homolog; mast cell maturation inducible protein 1; NACHT/LRR/pyrin domain-containing protein 3; cold autoinflammatory syndr
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 3
UniProt Gene Name	Nlrp3
UniProt Synonym Gene Names	Cias1; Mmig1; Nalp3; Pypaf1

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.