

NACHT, LRR and PYD domains-containing protein 3 Recombinant Protein | Nlrp3 recombinant protein

Recombinant Mouse NACHT, LRR and PYD domains-containing protein 3 (Nlrp3), partial

CATALOG # AAA117523	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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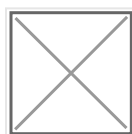
PRODUCT SYNONYMS

NACHT; LRR and PYD domains-containing protein 3; Recombinant Mouse NACHT; LRR and PYD domains-containing protein 3 (Nlrp3); partial; Cold autoinflammatory syndrome 1 protein homolog; Cryopyrin; Mast cell maturation-associated-inducible protein 1; PYRIN-containing APAF1-like protein 1; Nlrp3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-153aa; Partial
Sequence	MTSVRCKLAQ YLEDLEDVDL KKFKMHLEDY PPEKGCIPVP RGQMEKADHL DLATLMIDFN GEEKAWAMAV WIFAAINRRD LWEKAKKQDP EWNDTCTSHS SMVCQEDSLE EEWMGLLGYL SRISICKKKK DYCKMYRRHV RSRFYSIKDR NAR
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Nlrp3 recombinant protein	May function as an inducer of apoptosis. Interacts selectively with ASC and this complex may function as an upstream activator of NF-kappa-B signaling. Inhibits TNF-alpha induced activation and nuclear translocation of RELA/NF-KB p65. Also inhibits transcriptional activity of RELA (By similarity). Activates caspase-1 as part of the NALP3 inflammasome complex in response to a number of triggers including bacterial or viral infection which leads to processing and release of IL1B and IL18.
References	"Induction of PYPAF1 during in vitro maturation of mouse mast cells." Kikuchi-Yanoshita R., Taketomi Y., Koga K., Sugiki T., Atsumi Y., Saito T., Ishii S., Hisada M., Suzuki-Nishimura T., Uchida M.K., Moon T.-C., Chang H.-W., Sawada M., Inagaki N., Nagai H., Murakami M., Kudo I. J. Biochem. 134:699-709(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	22003870
NCBI GeneID	216799

NCBI Accession #	NP_665826.1
NCBI GenBank Nucleotide #	NM_145827.3
UniProt Accession #	Q8R4B8 ; Q1JQ87 ; Q1JQ88 ; Q6JEL0 ; T1W2H6
Molecular Weight	34.2 kDa
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
UniProt Protein Name	NACHT, LRR and PYD domains-containing protein 3
UniProt Gene Name	Nlrp3
UniProt Synonym Gene Names	Cias1; Mmig1; Nalp3; Pypaf1
UniProt Entry Name	NLRP3_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/nlrp3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117523>