

Recombinant Human NLRP3 protein, GST-tagged

Cat. No. NLRP3-186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNLRP3(1 a.a. - 1036 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-1036 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	144.6 kDa
AA Sequence	MKMASTRCKLARYLEDVLDLKKFKMHLEDYPPQKGCIPLRGQTEKADHVDLAT LMIDFNGEKAWAMAVWIF AAINRRDLYEKAKRDEPKWGSNARVSNPTVICQEDS IEEEWMGLLEYLSRISICKMKKDYRKKYRKYVRSRFQC IEDRNARLGESVSLNKRYT RLRLIKEHRSQQEREQELLAIGKTKTCESPVSPIKMELLFDPDDEHSEPVHTVVFQ G AAGIGKTILARKMMLDWASGTLYQDRFDYLFYIHCREVSLVTQRSLGDLIMSCCPDP NPPIHKIVRKPSRILFL MDGFDELQGAFFDEHIGPLCTDWQKAERGDILLSSLIRKLLP EASLLITTRPVALEKLQHLLDHPRHVEILGFSE AKRKEYFFKYFSDEAQAARAFSLIQ ENEVLFTMCFIPLVCWIVCTGLKQQMESGKSLAQTSTTTAVYVFFLSSL LQPRGGS QEHGLCAHLWGLCSLAADGIWNQKILFEESDLRNHGLQKADVSAFLRMNLFQKEVD CEKFYSFIHMTF QEFFAAMYYLLEEEKEGRTNVPGSRLKLPSRDVTVLLENYGKFEK GYLIFVVRFLFGLVNQERTSYLEKKLSCKI SQQIRLELLKWIEVKAKAKKLQIQPSQLE LFYCLYEMQEEDFVQRAMDYFPKIEINLSTRMDHVMVSSFCIENCHR VESLSLGLFLHN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MPKEEEEEEEKEGRHLD MVQCVLPSSSHAACSHGLVNSHLTSSFCRGLFSVLSTSQS
 LTELDLS D NSLGDPGMRVLCETLQHPGCNIRRLWLGRGCL SHECCFDISLVLSNQ
 KLVELDLS DNALGDFGIRLLCVGLKHL LCNLKKLWLVSCCLTSACCQDLASVLSTSH
 SLTRLYVGENALGDSGVAILCEKAKNPQC NLQKLGLVNSGLTSVC CSALSSVLSTN
 QNLTHLYLRGNTLGDKGIKLLCEGLLHPDCKLQVLELDNCNLTS HCCWDLSTLLTSS
 QSLRKLS LGNNDLGD LGVMMFCEVLKQQSCLLQNLGLSEMYFNYETKSAETLQE
 EKPELTVVFEP SW

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	114548
mRNA Refseq	NM_004895
Protein Refseq	NP_004886
MIM	606416
UniProt ID	Q96P20
Chromosome Location	1q44
Pathway	Immune System, organism-specific biosystem; Inflammasomes, organism-specific biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem; Innate Immune System, organism-specific biosystem; NOD-like receptor signaling pathway, organism-specific biosystem; NOD-like receptor signaling pathway, conserved biosystem;
Function	ATP binding; nucleotide binding; peptidoglycan binding; protein binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA