

Recombinant Human NLRP11 Protein, GST-tagged

Cat. No. NLRP11-5919H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NLRP11 full-length ORF (NP_659444.1, 1 a.a. - 1033 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	NALPs are cytoplasmic proteins that form a subfamily within the larger CATERPILLER protein family. Most short NALPs, such as NALP11, have an N-terminal pyrin (MEFV; MIM 608107) domain (PYD), followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. The long NALP, NALP1 (MIM 606636), also has a C-terminal extension containing a function to find domain (FIIND) and a caspase recruitment domain (CARD). NALPs are implicated in the activation of proinflammatory caspases (e.g., CASP1; MIM 147678) via their involvement in multiprotein complexes called inflammasomes (Tschopp et al., 2003 [PubMed 12563287]).[supplied by OMIM]
Molecular Mass	144.2 kDa
AA Sequence	MAESDSTDFDLLWYLENLSDKFQSFKKYLARKILDFKLPQFPLIQMTKEELANVLPI SYEGQYIWNMLFSIFSMMRKEDLCRKIIGRNRNRNQEACKAVMRRKFMLQWESHTFG KFHYKFFRDVSSDVFIYLQLAYDSTSYYSANLNFLMGERASGKTIVINLAVLRWIK GEMWQNMISSYVVHLTSHEINQMTNSSLAEIAKDWPDGQAPIADILSDPKLLFILED LDNIRFELNVNESALCSNSTQKVPIPVLLVSLKLRKMAPGCWFLISSRPTRGNNVKTF

 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

LKEVDCCTTLQLSNGKREIYFNSFFKDRQRASAALQLVHEDEILVGLCRVAILCWITC
TVLKRQMDKGRDFQLCCQTPTDLHAHFLADALTSEAGLTANQYHLGLLKRLCLLAA
GGFLSTLNFSGEDLRCVGFTEADVSVLQAANILLPSNTHKDRYKFIHLNVQEFCTAI
AFLMAVPNYLIPSGSREYKEKREQYSDFNQVFTFIFGLLNANRRKILETSFGYQLPMV
DSFKWYSVGYMKHLDRDPEKLTHHMPLFYCLYENREEEFVKTIVDALMEVTVYLQS
DKDMMVSLYCLDYCCHLRTLKLSVQRIFQNKEPLIRPTASQMKSLVYWREICSLFYT
MESLRELHIFDNDLNGISERILSKALEHSSCKLRTLKLSYVSTASGFEDLLKALARNRS
LTYLSINCTSISLNMFSLLHDILHEPTCQISHLSLMKCDLRASECEEIASLLISGGSLRK
LTLSSNPLRSDGMNILCDALLHPNCTLISLVVFCCLTENCCSALGRVLLFSPTLRQLD
LCVNRLKNYGVLVHTFPLLFPCTQLEELHLSGCFSSDICQYIAIVATNEKLRSLSIGS
NKIEDAGMQLLCGGLRHPNCMLVNIGLEECMLTSACCRSLASVLTNKTLERLNLLQ
NHLGNDGVAKLLESISPDCVLKVVGLPLTGLNTQTQQLLMTVKERKPSLIFLSETWS
LKEGREIGVTPASQPGSIIPNSNLDYMFFKFPRMSAAMRTSNTASRQPL

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.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	NLRP11 NLR family, pyrin domain containing 11 [Homo sapiens]
Official Symbol	NLRP11

Synonyms

NLRP11; NLR family, pyrin domain containing 11; NACHT, leucine rich repeat and PYD containing 11 , NALP11; NACHT, LRR and PYD domains-containing protein 11; CLR19.6; NOD17; nucleotide binding oligomerization domain; leucine rich repeat and pyrin domain containing 11; PAN10; PYPAF6; PAAD- and NACHT-containing protein 10; PYRIN-containing APAF1-like protein 6; PAAD- and NACHT-containing protein 10B; NACHT, LRR and PYD containing protein 11; PAAD-and NACHT domain-containing protein 10; NACHT, leucine rich repeat and PYD containing 11; nucleotide-binding oligomerization domain protein 17; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 11; NALP11; PYPAF7; FLJ26273;

Gene ID

204801

mRNA Refseq

NM_145007

Protein Refseq

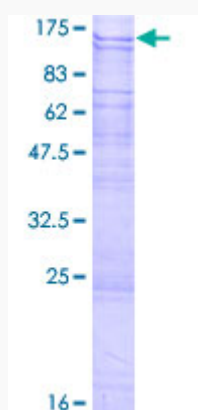
NP_659444

MIM

609664

UniProt ID

P59045

Quality Control Testing:


 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

12.5% SDS-PAGE Stained with Coomassie Blue.

 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