

Recombinant Full Length Human NLRP2 Protein, GST-tagged

Cat. No. NLRP2-6755HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NLRP2 full-length ORF (AAH39269, 1 a.a. - 846 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	846 amino acids
Description	NALP proteins, such as NALP2, are characterized by an N-terminal pyrin (MIM 608107) domain (PYD) and are involved in the activation of caspase-1 (CASP1; MIM 147678) by Toll-like receptors (see TLR4; MIM 603030). They may also be involved in protein complexes that activate proinflammatory caspases (Tschopp et al., 2003 [PubMed 12563287]).[supplied by OMIM
Molecular Mass	118.8 kDa
AA Sequence	MVSSAQMGFNLQALLEQLSQDELSKFKYLITTFSLAHELQKIPHKEVDKADGKQLVE VLTTHCDSYWVEMASLQVFEKMHRMDLSERAKDEVREAALKSFNKRKPLSLGITRK ERPPLDVDEMLERFKTEAQAFETETKGNVICLGKEVFKGKKPKDKDNRCRYILKTKFRE MWKSWPGDSKEVQVMAERYKMLIPFSNPRVLPGPFSYTVVLYGPAGLGKTTLAQK LMLDWAEDNLIHKFKYAFYLSCRELSRLGPCSFAELVFRDWPELQDDIPHILAQARKI LFVIDGFDELGAAPGALIEDICGDWEKKKPVVLLGSLNLRVMLPKAALLVTTRPRAL RDLRILAEPIYIRVEGFLEEDRRAYFLRHFGDEDQAMRAFELMRSNAALFQLGSAP AVCWIVCTTLKLQMEKGEDPVPTCLTRTGLFLRFLCSRFPQGAQLRGALRTLSSLAA

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QGLWAQTSVLHREDLERLGVQESDLRLFLDGDILRQDRVSKGCYSFIHLSFQQFLTA
 LFYTLEKEEEEDRDGHTWDIGDVQKLLSGVERLRNPDLIQAGYYSFGLANEKRAKEL
 EATFGCRMSPDIKQELLRCDISCKGGHSTVTDLQELLGCLYESQEEELVKEVMAQFK
 EISLHLNAVDVVPSSFCVKHCRNLQKMSLQVIKENLPENVTASESDAEVERSQDDQH
 MLPFWTDLCSIFGSNKDLMGLAINDSFLSASLVRILCEQIASDTCHLQRVVFKNISPAD
 AHRNLCLALRGHKTVTYLTLQGNDQDDMFALCEVLRHPECNLRYLGLVSCSATTQ
 QWADLSLALEVNQSLTCVNLSDNELLDEGAKLLYTTLRHPKCFLQRLS

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

NLRP2 NLR family, pyrin domain containing 2 [Homo sapiens]

Official Symbol

NLRP2

Synonyms

NLRP2; NLR family, pyrin domain containing 2; NACHT, leucine rich repeat and PYD containing 2 , NALP2; NACHT, LRR and PYD domains-containing protein 2;
 CLR19.9; FLJ20510; NBS1; nucleotide binding oligomerization domain; leucine rich repeat and pyrin domain containing 2; PAN1; PYPAF2; nucleotide-binding site protein 1; PYRIN-containing APAF1-like protein 2; NACHT, LRR and PYD containing protein 2; NACHT, leucine rich repeat and PYD containing 2; PYRIN domain and NACHT

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domain-containing protein 1; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 2; NALP2;

Gene ID 55655

mRNA Refseq NM_001174081

Protein Refseq NP_001167552

MIM 609364

UniProt ID Q9NX02

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