

Recombinant Human NLRP6 protein, His-tagged

Cat. No. NLRP6-6453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLRP6 protein(P59044)(1-892aa), fused with C-terminal His tag, was expressed in Insect cells.
Species	Human
Source	Insect cells
ProteinLength	1-892aa
Tag	C-His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	101.6 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MDQPEAPCSSTGPRLAVARELLLAALAEELSQEQLKRFRHKLRDVGPDGRSIPWGRL
ERADAVDLAEQLAQFYGPEPALEVARKTLKRADARDVAAQLQERRLQRLGLGSGTL
LSVSEYKKKYREHVLQLHARVKERNARSVKITKRFTKLLIAPESAAPEEAMGPAAEEPE
PGRARRSDTHTFNRLFRRDEEGRRPLTVVLQGPAGIGKTMAAKKILYDWAAGKLYQ
GQVDFAFFMPCGELLERPGTRSLADLILDQCPDRGAPVPQMLAQPRLLFILDGAD
ELPALGGPEAAPCTDPFEAASGARVLGGLLSKALLPTALLLVTTAAAPGRLQGRLC
SPQCAEVRGFSKDKKKYFYKYFRDERRAERAYRFVKENETLFALCFVPFVCWIVC
TVLRQQLELGRDLSRTSKTTTTSVYLLFITSVLSSAPVADGPRLQGDRLNLCRLAREG
VLGRRRAQFAEKELEQLELRGSKVQTLFLSKKELPGVLETEVTYQFIDQSFQEFLAALS
YLLEDGGVPRTAAGGVGTLLRGDAQPHSHLVLTTRFLFGLLSAERMMDIERHFGCM
VSERVKQEALRWVQGQGGQCGVAPVTEGAKGLEDTEEPPEEEEEEGEENYPLEL
LYCLYETQEDAFVRQALCRFPELALQVRVFCRMDVAVLSYCVRCCPAGQALRLISC
RLVAAQEKKKKSLGKRLQASLGGGSSSQGTTKQLPASLLHPLFQAMTDPLCHLSSL
TLSHCKLPDAVCRDLSEALRAAPALTELGLLHNRLSEAGLRMLSEGLAWPQCRVQT
VRVQLPDPQRGLQYLVGMLRQSPALTTLDLSGCQLPAPMVTYLCAVLQHQCGLQ
TSLASVELSEQLQELQAVKRAKPDLVITHPALDGHPQPPKELISTF

GENE INFORMATION

Gene Name NLRP6 NLR family, pyrin domain containing 6 [Homo sapiens]

Official Symbol NLRP6

Synonyms

NLRP6; NLR family, pyrin domain containing 6; NACHT, leucine rich repeat and PYD containing 6 , NALP6; NACHT, LRR and PYD domains-containing protein 6; CLR11.4; nucleotide binding oligomerization domain; leucine rich repeat and pyrin domain containing 6; PAN3; PYPAF5; angiotensin II/vasopressin receptor; PYRIN-containing APAF1-like protein 5; NACHT, LRR and PYD containing protein 6;

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NACHT, leucine rich repeat and PYD containing 6; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 6; NALP6;

Gene ID [171389](#)

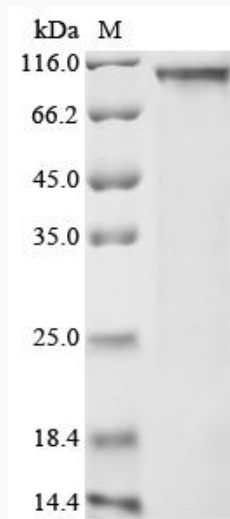
mRNA Refseq [NM_138329](#)

Protein Refseq [NP_612202](#)

MIM [609650](#)

UniProt ID [P59044](#)

SDS-PAGE



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