

Recombinant Human NLRP2 protein, His-tagged

Cat. No. NLRP2-3681H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLRP2 protein(1-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MVSSAQMGFNLQALLEQLSQDELSKFKYLITTFSLAHELQKIPHKEVDKADGKQLVEI LTTHCDSYWVEMASLQVFEKMHMRMDLSERAKDEVREAALKSFNKRKPLSLGITRKE RPPLDVDEMLERFKTEAQAFETETKGNVICLGKEVFKGKKPKDKDNRCRYILKTKFREM WKS WPGDSKEVQVMAERYKMLIPFSNPRVLPGPSYTVVLYGPAGLGKTTLAQKL MLDWAEDNLIHKFKYAFYLSCRELSRLGPCSFAELVFRDWPELQDDIPHILAQARKIL FVIDGFDELGAAPGALIEDICGDWEKKKPVVLLGSLLNRVMLPKAALLVTTRPRALR DLRILAE
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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 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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