

Recombinant Human NLRP10 protein, His-tagged

Cat. No. NLRP10-2866H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLRP10 protein(1-180 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-180 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	MAMAKARKPREALLWALSDLEENDFKKLKFYLRDMTLSEGQPPLARGELEGLIPVDL AELLISKYGEKEAVKVVLKGLKVMNLLLELVDQLSHICLHDYREVYREHVRCLEEWQE AGVNGRYNQVLLVAKPSSESPESLACPFPEQELESVTVEALFDSGEKPSLAPSLVVL QGSAGTGKT
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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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

Gene Name	NLRP10 NLR family, pyrin domain containing 10 [Homo sapiens]
Official Symbol	NLRP10
Synonyms	NLRP10; NLR family, pyrin domain containing 10; NACHT, leucine rich repeat and PYD containing 10 , NALP10; NACHT, LRR and PYD domains-containing protein 10; CLR11.1; NOD8; nucleotide binding oligomerization domain; leucine rich repeat and pyrin domain containing 10; PAN5; Pynod; NACHT, leucine rich repeat and PYD containing 10; nucleotide-binding oligomerization domain protein 8; nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 10; PYNOD; NALP10;
Gene ID	338322
mRNA Refseq	NM_176821
Protein Refseq	NP_789791
MIM	609662
UniProt ID	Q86W26

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