

Recombinant Human TLR3 Protein(26-348 aa), His-tagged

Cat. No. TLR3-071H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLR3 Protein(26-348 aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26-348 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	MRQTLPCIYFWGGLLPFGMLCASSTTKCTVSHEVADC SHLKL TQVPDDLPTNITVLN LTHNQLRRLPAANFTRYSQLTSLDVGFNTISKLEPELCQKLPMLKVLNLQHNELSQLS DKTFAFCTNLTELHLSNSISQIKIKNNPFVKQKNLITLDLSHNGLSSTKLGTQVQLENL QELLLSNNKIQALKSEELDIFANSSSLKKLELSSNQIKEFSPGCFHAIGRLFGLFLNNVQ LGPSLTEKLCLELANTSIRNLSLSNSQLSTTSNTTFLGLKWTNL TMLDLSYNNLN VVG NDSFAWLPQLEYFFLEYNNIQHLFSLHGLFNVRYLNLKRSFTKQSISLASLPKIDD
Purity	85%, 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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

GENE INFORMATION

Gene Name TLR3 toll-like receptor 3 [Homo sapiens]

Official Symbol TLR3

Synonyms TLR3; toll-like receptor 3; CD283; IIAE2;

Gene ID 7098

mRNA Refseq NM_003265

Protein Refseq NP_003256

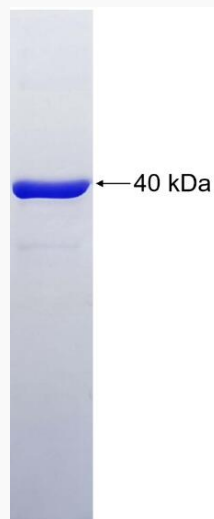
MIM 603029

UniProt ID O15455

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SDS-PAGE

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