

Recombinant Human TLR1 protein, His & S-tagged

Cat. No. TLR1-2069H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLR1 aa. (Val114~Val339 (Accession # Q15399)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val114~Val339
Form	Freeze-dried powder
Molecular Mass	32 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Statement of Origin_	SDS-PAGE; WB; ELISA; IP.

GENE INFORMATION

Gene Name	TLR1 toll like receptor 1 [Homo sapiens (human)]
Official Symbol	TLR1
Synonyms	Hmgcl; 3-hydroxy-3-methylglutaryl-Coenzyme A lyase; HL; AW476067; hydroxymethylglutaryl-CoA lyase, mitochondrial; 3-hydroxy-3-methylglutarate-CoA lyase; HMG-CoA lyase
Gene ID	7096
mRNA Refseq	NM_003263.3
Protein Refseq	NP_003254.2
UniProt ID	Q15399

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