

Recombinant Mouse Tlr7 protein, His & MYC-tagged

Cat. No. Tlr7-835M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tlr7(NP_001277684.1)(27-348aa) fused with N-terminal 10xHis-tag and C-terminal Myc-tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	27-348aa
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	43.8 kDa
AA Sequence	FRWFPKTLPCVKVNIPEAHVIVDCTDKHLTEIPEGIPTNTTNTLTINHIPSISPDSFR RLNHLEEIDLRNCNCVPVLLGSKANVCTKRLQIRPGSFSGLSDLKALYLDGNQLLEIPQ DLPSSLHLLSLEANNIFSITKENLTENVNIETLYLGQNCYYRNPCNVSYSEKDAFLVM RNLKVLSLKDNNVTAVPTTLPPNLELYLYNNIIKKIQENDFNNLNELQVLDLSGNCPR CYNVPYPCTPCENNSPLQIHDNAFNSLTTELKVLRLHSNSLQHVPPTWFKNMRNLQE LDLSQNYLAREIEEAKFLHFLPNLVELDFS
Purity	Greater than 85% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°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 concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

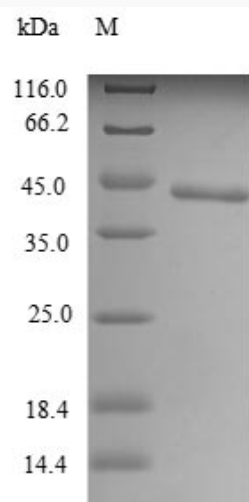
Gene Name	Tlr7 toll-like receptor 7 [Mus musculus (house mouse)]
Official Symbol	Tlr7
Synonyms	Tlr7; Toll-like receptor 7
Gene ID	170743
mRNA Refseq	NM_001290755.1
Protein Refseq	NP_001277684.1
UniProt ID	P58681

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**SDS-PAGE of Tlr7-
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