

# Recombinant Human TLR10 protein, His-SUMO & Myc-tagged

**Cat. No.** TLR10-2400H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TLR10 protein(Q9BXR5)(20-576aa), fused to N-terminal His-SUMO tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 20-576aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 84.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | <p>DAPELPEERELMTNCSNMSLRKVPADLTPATTTLDLSYNLLFQLQSSDFHSVSKLRV</p> <p>LILCHNRIQQDLKTFEFNKELRYLDLSNNRLKSVTWYLLAGLRYLDLSFNDFDTMPI</p> <p>CEEAGNMSHLEILGLSGAKIQKSDFQKIAHLHLNTVFLGFRTLPHYEEGSLPILNTTKL</p> <p>HIVLPMDTNFWVLLRDGIKTSKILEMTNIDGKSQFVSYEMQRNLSLENAKTSVLLLNK</p> <p>VDLLWDDLFILQFVWHTSVEHFQIRNVTFGGKAYLDHNSFDYSNTVMRTIKLEHVH</p> <p>FRVFYIQQDKIYLLLTkMDIENLTISNAQMPHMLFPNYPTKFQYLNfANNILTDELfKR</p> <p>TIQPLHLKTLILNGNKLETLSLVSCFANNTPLEHLDLSQNLLQHKNdENCsWPETVvN</p> <p>MNLSYNKLSDSVFRCLPKSIQILDlnnnQIQTVPKETiHlMALRElnIAFNfLTDLPGC</p> <p>SHFSRSLSVLNIE MNFILSPSLDFVQSCQEVKTLNAGRNPFRCTCELKNFIQLETYSEV</p> |

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MMVGWSDSYTCEYPLNLRGTRLKDVHLHELSCNT

**Purity** Greater than 90% as determined by SDS-PAGE.

**Storage** Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** 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** TLR10 toll-like receptor 10 [ Homo sapiens ]

**Official Symbol** TLR10

**Synonyms** TLR10; toll-like receptor 10; CD290; MGC104967; MGC126398; MGC126399;

**Gene ID** 81793

**mRNA Refseq** NM\_001017388

**Protein Refseq** NP\_001017388

**MIM** 606270

**UniProt ID** Q9BXR5

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