

Recombinant Human TLR5 protein, GST-tagged

Cat. No. TLR5-989H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLR5(C-198aa) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	198 a.a.
Form	1M PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH8.0), 100 mM GSH and 1% Triton X-100, 15% glycerol.
AA Sequence	TKFRGFCFCICYKTAQRLVFKDHPQGTEPDMYKYDAYLCFSSKDFTWVQNALLKHLD TQYSDQNRFNLCFEERDFV PGENRIANIQDAIWNSRKIVCLVSRHFLRDGWCLEAF SYAQGRCLSDLNALIMVVVGSLSQYQLMKHQSIIRGFV QKQQYLRWPEDLQDVG WFLHKLSQQILKKEKEKKKDNNIPLQTVATIS
Storage	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.
Shipping	The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

GENE INFORMATION

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Gene Name	TLR5 toll-like receptor 5 [Homo sapiens]
Official Symbol	TLR5
Synonyms	TLR5; toll-like receptor 5; FLJ10052; MGC126430; MGC126431; SLEB1; TIL3; Toll/interleukin 1 receptor like protein 3; toll/interleukin-1 receptor-like protein 3;
Gene ID	7100
mRNA Refseq	NM_003268
Protein Refseq	NP_003259
MIM	603031
UniProt ID	O60602
Chromosome Location	1q32.3-q42
Pathway	Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Legionellosis, organism-specific biosystem; Legionellosis, conserved biosystem; MyD88 cascade initiated on plasma membrane, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic Escherichia coli infection, conserved biosystem;
Function	interleukin-1 receptor binding; receptor activity;