

Active Recombinant Human TLR2 Protein, His-tagged

Cat. No. TLR2-529H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLR2 (Accession # NP_003255) Glu21-Leu590, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Glu21-Leu590
Predicted N Terminal	Glu21
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to bind biotinylated Pam3CysSerLys4 (PAM3CSK4) (2 µg/mL). The 50% maximum binding is achieved at 0.1-0.5 µg/mL of Recombinant Human TLR2. Results can vary with different preparations of biotinylated PAM3CSK4. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human TLR2, His-tagged has a calculated MW of 65.7 kDa. In SDS-PAGE migrates as 75-80 kDa, reducing conditions.
Purity	>85%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

months (-70°C).

GENE INFORMATION

Gene Name	TLR2 toll-like receptor 2 [Homo sapiens]
Official Symbol	TLR2
Synonyms	TLR2; toll-like receptor 2; CD282; TIL4; toll/interleukin 1 receptor-like 4; toll/interleukin-1 receptor-like protein 4;
Gene ID	7097
mRNA Refseq	NM_003264
Protein Refseq	NP_003255
MIM	603028
UniProt ID	O60603
Chromosome Location	4q32

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