

Recombinant Human TLR2 Protein, hFc-tagged

Cat. No. TLR2-5135H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLR2 Protein(O60603) (Glu21-Thr588) was expressed in Insect Cells with the fused Fc region of human IgG1 at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	21-588 aa
Form	Lyophilized from sterile 20 mM Tris, 300 mM NaCl,10% Glycerol, pH 8.0.
Molecular Mass	The recombinant Human TLR2 comprises 808 amino acids and has a predicted molecular mass of 90.77 kDa. As a result of glycosylation, the band migrates approximately 96.8 kDa in the SDS-PAGE reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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

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

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