

Active Recombinant Human TLR5 Full Length Transmembrane protein(Nanodisc)

Cat. No. TLR5-2038H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLR5 Full Length Transmembrane protein(O60602), was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Bio-activity	Elisa plates were pre-coated with Flag Tag TLR5-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TLR5-Nanodisc is 4.191ng/ml.
Molecular Mass	The human full length TLR5 protein has a MW of 97.8 kDa.
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
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.

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Full Length Full L.

GENE INFORMATION

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

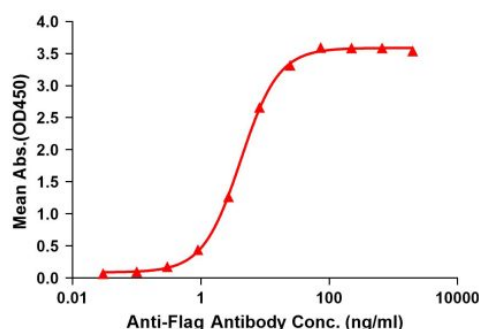
Protein Refseq NP_003259

MIM 603031

UniProt ID O60602

Activity

ELISA assay to evaluate TLR5-Nanodisc
0.2µg Human TLR5-Nanodisc per well



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