

Active Recombinant Human TLR4 Full Length Transmembrane protein(Nanodisc)

Cat. No. TLR4-40689H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLR4 Full Length Transmembrane protein(O00206), 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 TLR4-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 TLR4-Nanodisc is 2.939ng/ml.
Molecular Mass	The human full length TLR4 protein has a MW of 95.7 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 TLR4 toll-like receptor 4 [Homo sapiens]

Official Symbol TLR4

Synonyms TLR4; toll-like receptor 4; CD284; hToll; TLR 4; homolog of Drosophila toll; TOLL; TLR-4; ARMD10;

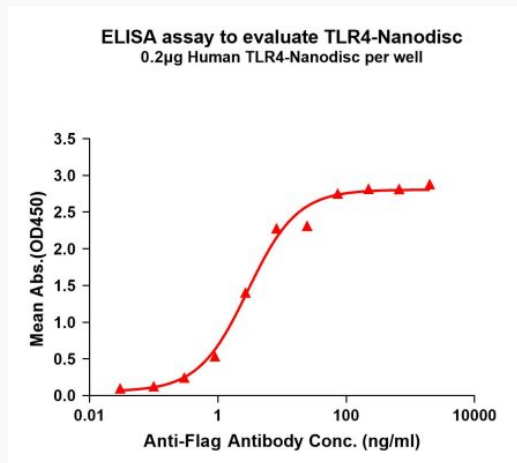
Gene ID 7099

mRNA Refseq NM_003266

Protein Refseq NP_003257

UniProt ID O00206

Activity

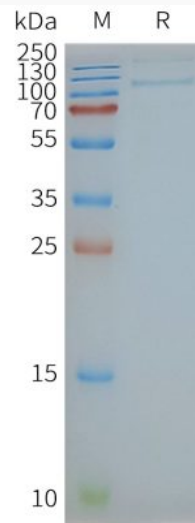


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