

Recombinant Human TLR1 293 Cell Lysate

Cat. No. TLR1-1047HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for toll-like receptor 1 (TLR1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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GENE INFORMATION

Gene Name	TLR1 toll-like receptor 1 [Homo sapiens]
Official Symbol	TLR1
Synonyms	TLR1; toll-like receptor 1; CD281; KIAA0012; rsc786; toll/interleukin-1 receptor-like protein; TIL; TIL. LPRS5; MGC104956; MGC126311; MGC126312; DKFZp547I0610; DKFZp564I0682;
Gene ID	7096
mRNA Refseq	NM_003263
Protein Refseq	NP_003254
MIM	601194
UniProt ID	Q15399
Chromosome Location	4p14
Pathway	Activated TLR4 signalling, organism-specific biosystem; Beta defensins, organism-specific biosystem; Defensins, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; MyD88:Mal cascade initiated on plasma membrane, organism-specific biosystem; Toll Like Receptor 2 (TLR2) Cascade, organism-specific biosystem;

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