

Recombinant Mouse Toll-like Receptor 6, Fc Chimera

Cat. No. Tlr6-2433M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain of mouse TLR6 (aa 24-594) produced in <i>HEK 293 cells</i> fused at the C-terminus to the Fc portion of human IgG1 and a linker peptide (10 aa). 140kDa (SDS-PAGE).
Species	Mouse
Source	Human Cells
ProteinLength	24-594 a.a.
Description	Toll-like receptor 6 is a protein that in humans is encoded by the TLR6 gene. TLR6 has also been designated as CD286 (cluster of differentiation 286). The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity.
Source/Host	HEK 293 cells.
Concentration	1mg/ml after reconstitution.
Purity	>90% (SDS-PAGE).
Endotoxin Content	<0.1EU/g purified protein (LAL test; Bio Whittaker).
Reconstitution	Reconstitute with 50µsterile water. Further dilutions should be made with medium containing 5% fetal calf serum or a carrier protein.

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Formulation	Lyophilized. Contains PBS.
Long Term Storage	-20°C.
Use/Stability	Stable for at least 6 months after receipt when stored at -20°C.
Handling	After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	Tlr6 toll-like receptor 6 [<i>Mus musculus</i>]
Synonyms	toll-like receptor 6; Tlr6
Gene ID	21899
mRNA Refseq	NM_011604
Protein Refseq	NP_035734
UniProt ID	Q9EPW9
Chromosome Location	5 C3.1; 5 37.0 cM
Pathway	Chagas disease; Toll-like receptor signaling pathway
Function	diacylated lipopeptide binding; lipoprotein binding; protein binding; protein heterodimerization activity; receptor activity; transmembrane receptor activity

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