

Recombinant Human TLR2 Protein, MYC/DDK-tagged

Cat. No. TLR2-1106H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human TLR2 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.

Species Human

Source HEK293

Description 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. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. This protein is a cell-surface protein that can form heterodimers with other TLR family members to recognize conserved molecules derived from microorganisms known as pathogen-associated molecular patterns (PAMPs). Activation of TLRs by PAMPs leads to an up-regulation of signaling pathways to modulate the host's inflammatory response. This gene is also thought to promote apoptosis in response to bacterial lipoproteins. This gene has been implicated in the pathogenesis of several autoimmune diseases. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016].

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Molecular Mass 89.7 kDa

Purity >50 ug/mL as determined by microplate BCA method

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name TLR2 toll-like receptor 2 [Homo sapiens]

Official Symbol TLR2

Synonyms CD282; TIL4

Gene ID 7097

mRNA Refseq NM_003264

Protein Refseq NP_003255

MIM 603028

UniProt ID O60603

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