9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TLR2 Mouse

Toll Like Receptor 2 Mouse Recombinant
RCP2387

Product Overview

Name	TLR2 Mouse
Description	
Toll Like Receptor 2 Mouse Recombinant	
Accession (Primary)	Q9QUN7
Synonyms	
Toll-like receptor 2, CD282.	
Introduction	
TLR2 belongs to the Toll-like receptor (TLR) family that 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. They recognize pathogen-associated molecular patterns (PAMPs) which are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. TLR2 is expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram-positive bacteria and yeast via stimulation of NF-kappaB.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
TLR2 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADL QESLSCD ASGVCDGRSR SFTSIPSGLT AAMKSLDLSF NKITYIGHGD LRACANLQVL MLKSSRINTI EGDAFYSLGS LEHLDLSDNH LSSLSSSWFG PLSSLKYLNL MGNPYQTLGV TSLFPNLTNL QTLRIGNVET FSEIRRIDFA GLTSLNELEI KALSLRNYQS QSLKSIRDIH HLTLHLSESA FLLEIFADIL SSVRYLELRD TNLARFQFSP	

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LPVDEVSSPM KKLAFRGSVL TDESFNELLK LLRYILELSE VEFDDCTLNG LGDFNPSESD VVSELGKVET VTIRRLHIPQ FYLFYDLSTV YSLLEKVKRI TVENSKVFLV PCSFSQHLKS LEFLDLSENL MVEEYLKNSA CKGAWPSLQT LVLSQNHLRS MQKTGEILLT LKNLTSLDIS RNTFHPMPDS CQWPEKMRFL NLSSTGIRVV KTCIPQTLEV LDVSNNNLDS FSLFLPRLQE LYISRNKLKT LPDASLFPVL LVMKIRENAV STFSKDQLGS FPKLETLEAG DNHFVCSCEL LSFTMETPAL AQILVDWPDS YLCDSPPRLH GHRLQDARPS VLECHQLEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTPPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH .

Precautions

TLR2 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9QUN7)