9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13476: Recombinant Human TLR2 (C Term His Tag)

Alternative Name : Toll Like Receptor 2, Toll/Interleukin-1 Receptor-Like Protein 4, Toll-Like Receptor 2, TIL4, CD282 Antigen, CD282, TLR2.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
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.
TLR2 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 578 amino acids (19-588 aa) and having a molecular mass of 65.5kDa (Migrates at 50-70kDa on SDS-PAGE under reducing conditions).TLR2 is expressed with an 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	TLR2 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	KEESSNQASL SCDRNGICKG SSGSLNSIPS GLTEAVKSLD LSNNRITYIS NSDLQRCVNL QALVLTSNGI NTIEEDSFSS LGSLEHLDLS YNYLSNLSSS WFKPLSSLTF LNLLGNPYKT LGETSLFSHL TKLQILRVGN MDTFTKIQRK DFAGLTFLEE LEIDASDLQS YEPKSLKSIQ NVSHLILHMK QHILLLEIFV DVTSSVECLE LRDTDLDTFH FSELSTGETN SLIKKFTFRN VKITDESLFQ VMKLLNQISG LLELEFDDCT LNGVGNFRAS DNDRVIDPGK VETLTIRRLH IPRFYLFYDL STLYSLTERV KRITVENSKV FLVPCLLSQH LKSLEYLDLS ENLMVEEYLK NSACEDAWPS LQTLILRQNH LASLEKTGET LLTLKNLTNI DISKNSFHSM PETCQWPEKM KYLNLSSTRI HSVTGCIPKT LEILDVSNNN LNLFSLNLPQ LKELYISRNK LMTLPDASLL PMLLVLKISR NAITTFSKEQ LDSFHTLKTL EAGGNNFICS CEFLSFTQEQ QALAKVLIDW PANYLCDSPS HVRGQQVQDV RLSVSECHRT LEHHHHHH

For Research Use Only. Not for use in diagnostic/therapeutics procedures.