

37-1502: Recombinant human TLR2 protein with C-terminal His tag (extracellular domain Met 1-Arg 587)(Discontinued)

Alternative Name : CD282; TIL4

Description

Expression Host : Insect cells (Baculovirus)

The protein has a predicted molecular mass of 65 kDa after removal of the signal peptide.

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.

Product Info

Amount :	Arg 587)(Discontinued) / 100 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Reconstitutes in sterile water.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

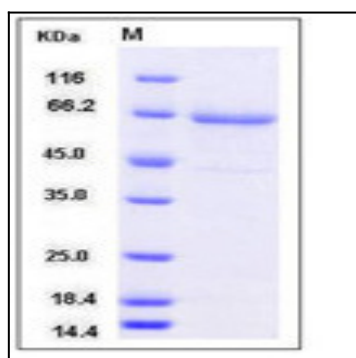


Fig1: Coomassie stained gel.