

Recombinant human TLR2 protein, His

Catalog Number: bs-42120P

Species: Human

AA Seq: 21-588/784

Predicted MW: 64

Tags: His

Activity: Not tested

Endotoxin: Not analyzed

Purity: > 90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 10mM PBS(pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: 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. They recognize pathogen-associated molecular patterns (PAMPs) that 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. This gene is expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram-positive bacteria and yeast via stimulation of NF-kappaB. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



The purity of the protein is greater than 80% as determined by reducing SDS-PAGE.