

Proteoliposomes

Full-Length

TLR1 (Human) Recombinant Protein

Catalog # H00007096-G01

Size 10 ug

Specification

Product Description

Human TLR1 full-length ORF (NP_003254.2) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MTSIFHFAIIFMLILQIRIQLSESESEFLVDRSKNGLIHVPKDL SQKTTILNISQNYSELWTSDILSLSKLRI
LIISHNRIQYLDISVFKFNQELEYLDLSHNKLVKISCHPTVNLKHLDSL FNAFDALPICKEFGNMSQLK
FLGLSTTHLEKSSVLPIAHLNISKVLLVLGETYGEKEDPEGLQDFNTESLHVFPTNKEFHFDVSV
KTVANLELSNIKCVLEDNKCSYFLSILAKLQTNPKLSNLTLNNIETTWNSFIRILQLVWHTTVWYFSIS
NVKLQGGQLDFRDFDYSGTSLKALS IHQVVSDFGFPQSYEIFSNMNIKNFTVSGTRMVHMLCPS
KISPFLHLD FSNLLTDTVFENCGLTELETLILQMNQLKELSKIAEMTTQMKS LQQLDISQNSVSY
DEKKGDCSWTKSLLSLNMSSNILTDTIFRCLPPRIKVLDLHSN KIKSIPKQVVKLEALQELNVAFNS
LTDLPGCGSFSSLSVL IIDHNSVSHPSADFFQSCQKMRSIKAGDNPFQCTCELGEFVKNIQVSS
EVLEGWPDSYKCDYPESYRGTLTKDFHMS ELSCNITLLMTVATMLVLAVTVTSLCSYLDLPWYLR
MVCQWTQTRRRARNIPLEELQRNLQFHAFISYSGHDSFWVKNE LLPNLEKEGMQICLHERNFVPG
KSIVENIITCIEKSYKSIFVLSPNFVQSEWCHYELYFAHHNLFHEGSNSLILILLEPI PQYSIPSSYHKLK
SLMARRTYLEWPKEKSKRGLFWANLRAAINIKLTEQAKK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.3

Interspecies Antigen Sequence

Mouse (74); Rat (73)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — TLR1

Entrez GeneID	7096
GeneBank Accession#	NM_003263.3
Protein Accession#	NP_003254.2
Gene Name	TLR1
Gene Alias	CD281, DKFZp547I0610, DKFZp564I0682, KIAA0012, MGC104956, MGC126311, MGC126312, TIL, rsc786
Gene Description	toll-like receptor 1
Omim ID	601194
Gene Ontology	Hyperlink
Gene Summary	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 ubiquitously expressed, and at higher levels than other TLR genes. Different length transcripts presumably resulting from use of alternative polyadenylation site, and/or from alternative splicing, have been noted for this gene. [provided by RefSeq]
Other Designations	Toll/interleukin-1 receptor-like

Pathway

- [Toll-like receptor signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Aspergillosis](#)
- [Asthma](#)
- [Bacteriuria](#)
- [Birth Weight](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Bronchiolitis Obliterans](#)
- [Chagas Cardiomyopathy](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Cystitis](#)
- [Dermatitis](#)
- [Encephalomyelitis](#)
- [Esophageal Neoplasms](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Infant](#)

- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Leprosy](#)
- [Leukemia](#)
- [Lung Diseases](#)
- [Lyme Disease](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Parasitemia](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puerperal Disorders](#)
- [Pyelonephritis](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)

- [Sepsis](#)
- [Streptococcal Infections](#)
- [Tuberculosis](#)
- [Urinary Tract Infections](#)
- [Vaginosis](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)