

Proteoliposomes

Full-Length

TLR8 (Human) Recombinant Protein

Catalog # H00051311-G01

Size 10 ug

Specification

Product Description

Human TLR8 full-length ORF (NP_619542.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MENMFLQSSMLTCIFLLISGSCELCAEENFSRSPCDEKKQNDSVIAECSNRRLQEVPTVGKYV
TELDLSDNFITHITNESFQGLQNLTKINLNHNPNVQHQNPNPQIQSNGLNITDGAFLNLKNLRELLLE
DNQLPQIPSGLPESLTELSLIQNNIYNITKEGISRLINLKNLYLAWNCYFNKVCEKTNIEDGVFETLTNL
ELLSLSFNSLSHVPPKLPSSLRKFLSNTQIKYSEEDFKGLINLTLLDLSGNCPRCFNAPFPCVPC
DGGASINIDRFAFQNLTLRLYNLSSTSLRKINAAWFKNMPHLKVLDLEFNLYVGEIASGAFLTMLP
RLEILDLSFNKGSYPQHINISRNFSKLLSLRALHLRGYVFQELREDDFQPLMQLPNLSTINLGINFIK
QIDFKLFQNFNSLEIMYSENRIPLVKDTRQSYANSSSFQRHIRKRRSTDFEFDPHSNFYHFRPLIK
PQCAAYGKALDLSLNSIFFIGPNQFENLPDIACNLNSANSNAQVLSGTEFSAIPHVKYLDLTNNRLD
FDNASALTELDLEVLDSLNSHYFRIAGVTHHLEFIQNFTNLKVLNLSHNNIYTLTDKYNLESKSLV
ELVFSGNRLDILWNDDDNRYISIFKGLKNLTRLDLSLNRKHIPNEAFLNLPASLTEHINDNMLKFF
NWTLLQQFPRLELLDLRGNKLLFLTDSLSDFTSSLRTLLLSHNRISHLPSGFLSEVSSLKHLDLSSN
LLKTINKSALETKTTTKLSMLELHGNPFECTCDIGDFRRWMDEHLNVKIPRLVDICASP GDQRGK
SISLELTTCVSDVTAVILFFF TFFITTMVMLAALAHHLFYWDVWFIYNVCLAKVKGYRSLSTSQTIFY
DAYISYDTKDASVTDWWINELRYHLEESRDKNVLLCLEERDWDPLAIDNLMQSINQSKKT VFLT
KKYAKSWNFKTAFYLALQRLMDENMDVIFILLEPVLQHSQYLRLRQRICKSSILQWPDNPKAEGLF
WQTLRNVVL TENDSRNNMYVDSIKQY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

119.8

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 — TLR8

Entrez GeneID [51311](#)

GeneBank Accession# [NM_138636.2](#)

Protein Accession# [NP_619542.1](#)

Gene Name TLR8

Gene Alias CD288, MGC119599, MGC119600

Gene Description toll-like receptor 8

Omim ID [300366](#)

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 predominantly expressed in lung and peripheral blood leukocytes, and lies in close proximity to another family member, TLR7, on chromosome X. [provided by RefSeq]

Other Designations OTTHUMP00000022930

Pathway

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

Disease

- [Arthritis](#)
- [Asthma](#)

- [Bronchiolitis](#)
- [Bronchiolitis Obliterans](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhagic Fever](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Melanoma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)

- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Tuberculosis](#)
- [Virus Diseases](#)