

TLR8 (Human) Recombinant Protein (P01)

Catalog # : H00051311-P01

規格 : [2 ug]

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Specification

Product Description: Human TLR8 full-length ORF (NP_619542.1, 1 a.a. - 1041 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence: MENMFLQSSMLTCIFLLISGSCELCAEENFSRSYPCDEKKQNDSVIAECS NRRLQEVPTVGKYVTELDLSDNFITHITNESFQGLQNLTKINLNHNPNVQ HQNGNPGIQSNGLNITDGAFNLKLNRELLLEDNQLPQIPSGLPESLTEL S LIQNNIYNITKEGISRLINLKNLYLAWNCYFNKVCEKTNIEDGVFETLTNLEL LSLSFNSLSHVPPKLPSSLRKFLSNTQIKYISEEDFKGLINLTLLDLSGNC PRCFNAPFPVPCDGGASINIDRFQNLQQLRYLNLSSLSLRKINAAWF KNMPHLKVLDFEFNYLVGEIASGAF L TMLPRLEILDLSFNKSYQPHINIS RNF SKLLSLRALHLRGYVFQELREDDFQPLMQLPNLSTINLGINFIKQIDF KLFQNF SNLEIYLSENRISPLVKDTRQSYANSSSFQRHIRKRRSTDFEFD PHSNFYHFTRPLIKPQCAAYGKALDLSNSIFFIGPNQFENLPDIACLNLNSA NSNAQVLSGTEFSAIPHVKYLDLTNNRDLDFDNASALTELSDEVLDSL SYN S HYFRIAGVTHHLEFIQNFTNLKVLNLSHNNIYTLTDKYNLESKSLVELVFSG NRDLILWDDDNRYISIFKGLKNLTRLDSLNRKHIPNEAFLNLPASLTEL HINDNMLKFFNWTLQQFPRLELLDLRGNKLLFLTDSLSDFTSSLRLLLL SHNRISHLPSGFLSEVSSLKHLDLSSNLLKTINKSALETKTTTKLSMLELHG NPFECTCDIGDFRRWMDEHLNVKIPRLVDVICASPGDQRGKSIVSLELTT CVSDVTAVILFFFTFFITMVMLAALAHHLFYWDVWFYINVCIAKVKGYR SLSTSQTIFYDAYISYTDKASVTDWVINELRYHLEESRDKNVLLCLEERD WDPGLAIDNLMQSINQSKKTVFVLTKKYAKSWNFKTA FYLALQRLMDEN MDVIIFILLEPVLQHSQYLRLRQRICKSSILQWPDNPKAEGFLWQTLRNVV LTENDSRYNMYVDSIKQY

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 146.2

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Quality Control Testing: 12.5% SDS-PAGE Stained with Coomassie Blue.



Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

Application Image

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

Instruction:

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

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Enzyme-linked Immunoabsorbent Assay

Western Blot (Recombinant protein)

Antibody Production

Protein Array

Gene Information

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

Gene Pathway

[Toll-like receptor signaling pathway](#)

Related Disease

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