

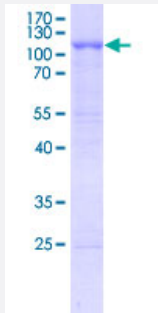
Full-Length

TLR10 (Human) Recombinant Protein (P02)

Catalog # H00081793-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TLR10 full-length ORF (NP_001017388.1, 1 a.a. - 811 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MRLIRNYFCSIVMTAEGDAPELPEERELMTNCSNMSLRKVPADLTPATTTLDLSYNLLFQLQSSD
FHSVSKLRVLILCHNRIQQLDKTFEFNKELRYLDLSNNRLKSVTWYLLAGLRYLDLSFNDFDTMPI
CEEAGNMSHLEILGLSGAKIQKSDQKIAHLHLNTVFLGFRTLPHYEEGSLPILNTTKLHIVLPMDTN
FWVLLRDGIKTSKILEMTNIDGKSQFVSYEMQRNLSLENAKTSVLLLNKVDLLWDDLFLILQFVWHT
SVEHFQIRNVTFGGKAYLDHNSFDYSNTVMRTIKLEHVHFRVFIQQDKIMLLTKMDIENLTISNAQM
PHMLFPNYPTKFQYLNFAANNILDELFKRTIQLPHLKTILNGNKLETLSLVSCFANNTPLEHLDLSQ
NLLQHKNDENCSPETVVMNLSYNKLSDSVFRCPLPKSIQILDNNNQITVPKETIHLMALRELN
AFNFLTDLPGCSHFSLSVLNIEMNFILSPSLDFVQSCQEVKTLNAGRNPFRCTCELKNFIQLETYS
EVMVVGWSDSYTCEYPLNLRGTRLKDVHLHELSCNTALLVTVVIMLVGLAVAFCCFHFDLPWY
LRMLGQCTQTWHRVRKTTQEQLKRNVRFHAFISYSEHDSLWVKNELIPNLEKEDGSILICLYESYF
DPGKSISENVSFIEKSYKSIFVLSPNFVQNEWCHYEFYFAHHNLFHENS DHILILLEPIPFYCIPTRYH
KLKALLEKKAYLEWPKDRRKCGLFWANLRAAINVNLATREMYELQTFTELNEESRGSTISLMRTD
CL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

114.84

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 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

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TLR10

Entrez GeneID	81793
GeneBank Accession#	NM_001017388.2
Protein Accession#	NP_001017388.1
Gene Name	TLR10
Gene Alias	CD290, MGC104967, MGC126398, MGC126399
Gene Description	toll-like receptor 10
Omim ID	606270
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 most highly expressed in lymphoid tissues such as spleen, lymph node, thymus, and tonsil. Its exact function is not known. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
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