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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TLR1 (Human) Recombinant Protein (P01)

Catalog Number: H00007096-P01

Regulation Status: For research use only (RUO)

Product Description: Human TLR1 full-length ORF (NP_003254.2, 1 a.a. - 786 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTSIFHFAIIFMLILQIRIQLSESEFLVDRSKNGLIHVPK
DLSQKTTILNISQNYISELWTSILSLSKLRILISHNRIQY
LDISVFKFNQELEYLDLSHNKLVKISCHPTVNLKHLDL
FNAFDALPICKEFGNMSQLKFLGLSTTHLEKSSVLP
LNISKVLLVLGETYGEKEDPEGLQDFNTESLHIVFPTNK
EFHFILDVSVKTVANLELSNIKCVLEDNKCSYFLSILAKL
QTNPKLSNLTNNIETTWNFSIRILQLVWHHTTVWYF
SIS NVKLQGGQLDFRDFDYSGLKALSIVVSDVFGFPQ
SYIYEIFSNMNIKNFTVSGTRMVHMLCPSKISPFHLDF
SNNLLTDTVFENCGLHTELETLLIQMNQLKELSKIAEMT
TQMKSLLQDISQNSVSYDEKKGDCSWTKSLLSLNMS
SNILTDIFRCLPPRIKVLHLSNKIKSIPKQVVKLEALQ
ELNVAFNSLTDLPGCGSFSSLSVLIIDHNSVSHPSADFF
QSCQKMRSIKAGDNPFCQTCLEGEFVKNIDQVSSEVL
EGWPDYSYKCDYFESYRGTLLKDFHMSSELSCNITLLI
VTVATMLVLAVTVTSLCSYLDLPWYLRMVCQWTQTRRR
ARNIPLEELQRNLQFHAFISYSGHDSFVWKNELLPNLE
KEGMQICLHERNFVPGKSIVENIITCIEKSYKSIFVLS
PNFVQSEWCHYELYFAHHNLFHEGSNSLILLEPIQYSI
PSSYHKLKSLMARRTYLEWPKEKSKRGLFWANLRAAI
NIKLTEQAQK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 116.7

Interspecies Antigen Sequence: Mouse (74); Rat (73)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression](#)

[system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 7096

Gene Symbol: TLR1

Gene Alias: CD281, DKFZp547I0610, DKFZp564I0682, KIAA0012, MGC104956, MGC126311, MGC126312, TIL, rsc786

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]