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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TLR4 (Human) Recombinant Protein (P01)

Catalog Number: H00007099-P01

Regulation Status: For research use only (RUO)

Product Description: Human TLR4 full-length ORF (ENSP00000350761, 1 a.a. - 639 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPLLNLSLDLSLNP MNFIQPGAFKEIRLHKLTLRNNFDS
LNMVKTCIQGLAGLEVHRLVLGFEFRNEGNLEKFDKSAL
EGLCNLTIEEFRLAYLDYYLDDIIDLFNCLTNVSSFSLVS
VTIERVKDFSYNFGWQHLELVNCKFGQFP TLKLSLKR
LTFTSNKGGNAFSEVDLPSLEFLDLSRNGLSFKGCCS
QSDFGTTSLKYLDLSFNGVITMSSNFLGLEQLEHLDLDFQ
HSNLKQMSEFSVFLSLRNLIYLDISHTHTRVAFNGIFNG
LSSLEVLKMAGNSFQENFLPDIFTELRLNLTFLDLSQCQ
LEQLSPTAFNSLSSLQVLNMSHNNFFSLDTPYKCLNS
LQVLDYSLNHIMTSKKQELQHFPSSLAFLNLTQDNFAC
TCEHQSFLQWIKDQRQLLVEVERMECATPSDKQGMP
VLSLNICQMKNKTIGVSVLSVLSVAVLVYKYFYFHL
MLLAGCIKYGRGENIYDAFVIYSSQDEDWVRNELVKNL
EEGVPPFQLCLHYRDFIPGVAIAANIIHEGFHKS RKVIV
VVSQHFIQSRWCIFEYEAQTWQFLSSRAGIIFIVLQKV
EKTLRQQVELYRLLSRNTYLEWEDSVLGRHIFWRRL
RKALLDGKSWNPEGT VGTGCNWQEATSI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 99.7

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: 7099

Gene Symbol: TLR4

Gene Alias: ARMD10, CD284, TOLL, hToll

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 receptor is most abundantly expressed in placenta, and in myelomonocytic subpopulation of the leukocytes. It has been implicated in signal transduction events induced by lipopolysaccharide (LPS) found in most gram-negative bacteria. Mutations in this gene have been associated with differences in LPS responsiveness. Also, several transcript variants of this gene have been found, but the protein coding potential of most of them is uncertain. [provided by RefSeq]