

Datasheet for ABIN1614869

TLR4 Protein (AA 26-638) (His tag)



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Overview

Quantity:	1 mg
Target:	TLR4
Protein Characteristics:	AA 26-638
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TLR4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	NPCIE VLPNITYQCM DQNLSKIPHD IPYSTKNLDL SFNPLKILRS YSFTNFSQLQ WLDLSRCEIE TIEDKAHWGL NQLSTLVLTG NPIKSFSPGS FSGLTNLENL VAVETKMTSL EGFHIGQLIS LKKLNVAHNL IHSFKLPEYF SNLTNLEHVD LSYNYIQTIS VKDLQFLREN PQVNLSLDLS LNPIDSIQAQ AFQGIRLHEL TLRSNFNSSN VLKMCLQNM T GLHVHRLILG EFKNERNLES FDRSVMGLC NVSIDEFRLT YINHFSDDIY NLNCLANISA MSFTGVHIKH IADVPRHFKW QSLSIIRCHL KPFPKLSLPF LKSWTLTTNR EDISFGQLAL PSLRYLDLSR NAMSFRGCCS YSDFGTNNLK YLDLSFNGVI LMSANFMGLE ELEYLDFQHS TLKKVTEFSV FLSLEKLLYL DISYNTNKID FDGIFLGLIS LNTLKMAGNS FKDNLTLSNVF TTTNTLTFD LSKCQLEQIS RGVFDTLYRL QLLNMSHNNL LFLDPSHYKQ LYSRLTDCS FNRIETSKGI LQHFPKSLAV FNLTNNSVAC ICEYQNFLQW VKDQKMFLVN VEQMKCASPI DMKASVLDF TNSTCYIYKT IISVSVVS
Specificity:	Rattus norvegicus (Rat)

Product Details

Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
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Purity:	> 90 %
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Target Details

Target:	TLR4
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Abstract:	TLR4 Products
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Background:	Recommended name: Toll-like receptor 4. Short name= Toll4. Alternative name(s): CD_antigen= CD284
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UniProt:	Q9QX05
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Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Toll-Like Receptors Cascades , Inflammasome , S100 Proteins
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Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.