Recombinant Rat Tlr5 protein, His & GST-tagged

Cat. No. Tlr5-2078R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tlr5 aa. (Asp325~Glu644 (Accession # G3V6F8)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp325~Glu644
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 66.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 5.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

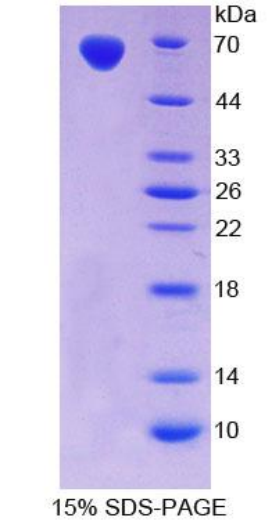
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Tlr5 toll-like receptor 5 [Rattus norvegicus (Norway rat)]
Official Symbol	Tlr5
Synonyms	Eci2; enoyl-Coenzyme A delta isomerase 2; Drs1; Peci; Acbd2; Hca88; enoyl-CoA delta isomerase 2, mitochondrial; D3,D2-enoyl-CoA isomerase; delta(3),delta(2)-enoyl-CoA isomerase; dodecenoyl-CoA isomerase; peroxisomal 3,2-trans-enoyl-CoA isomerase; peroxisomal delta3, delta2-enoyl-Coenzyme A isomerase
Gene ID	289337
mRNA Refseq	NM_001145828.1
Protein Refseq	NP_001139300.1
UniProt ID	G3V6F8

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SDS-PAGE

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