

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

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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-enoil-CoA isomerase; delta(3),delta(2)-enoil-CoA isomerase; dodecenoyl-CoA isomerase; peroxisomal 3,2-trans-enoil-CoA isomerase; peroxisomal delta3, delta2-enoil-Coenzyme A isomerase

Gene ID

289337

mRNA Refseq

NM_001145828.1

Protein Refseq

NP_001139300.1

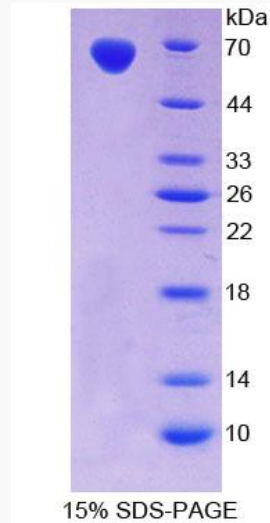
UniProt ID

G3V6F8

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SDS-PAGE

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