

Recombinant Rat Lag3 protein, His & T7-tagged

Cat. No. Lag3-1778R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Lag3 aa. (Asn209~Leu451 (Accession # Q5BK54)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn209~Leu451
Description	Mouse homolog regulates the proliferation of activated T-cells.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.8.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the 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

Lag3 lymphocyte activating 3 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Lag3

Synonyms

Lag3; lymphocyte activating 3; CD223; lymphocyte activation gene 3 protein; LAG-3; lymphocyte-activation gene 3

Gene ID

297596

mRNA Refseq

NM_212513.2

Protein Refseq

NP_997678.2

UniProt ID

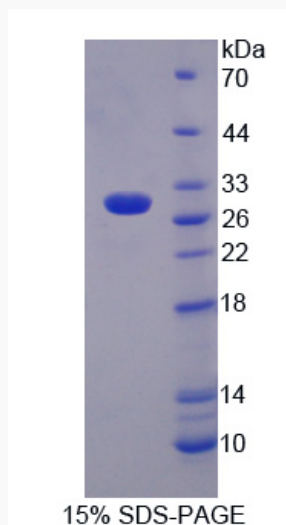
Q5BK54

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SDS-PAGE



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