

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

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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

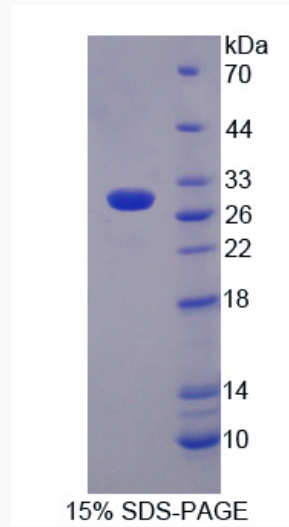
Gene Name	Lag3 lymphocyte activating 3 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Lag3
Synonyms	Lag3; lymphocyte activating 3; CD223; lymphocyte activation gene 3 protein; LAG-3; lymphocyte-activation gene 3
Gene ID	297596
mRNA Refseq	NM_212513.2
Protein Refseq	NP_997678.2
UniProt ID	Q5BK54

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SDS-PAGE



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