

Recombinant Human LAG3 protein, His & T7-tagged

Cat. No. LAG3-1776H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAG3 aa. (Thr244~Glu487 (Accession # P18627)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr244~Glu487
Form	Freeze-dried powder
Molecular Mass	34kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.8.
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 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 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

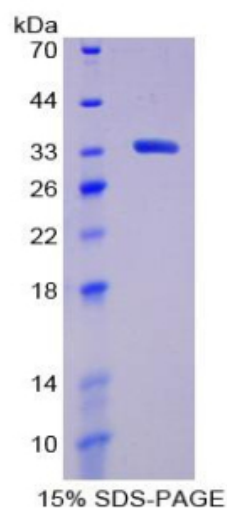
Gene Name	LAG3 lymphocyte activating 3 [Homo sapiens (human)]
Official Symbol	LAG3
Synonyms	LAG3; lymphocyte activating 3; CD223; lymphocyte activation gene 3 protein; lymphocyte-activation gene 3
Gene ID	3902
mRNA Refseq	NM_002286.5
Protein Refseq	NP_002277.4
UniProt ID	P18627

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SDS-PAGE



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