

Recombinant Rat Lag3 Protein, His-tagged

Cat. No. Lag3-1084R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Lag3 Protein (Gly24-Leu442) with His tag was expressed in 293F.
Species	Rat
Source	HEK293
ProteinLength	Gly24-Leu442
Description	<p>Predicted to enable MHC class II protein binding activity and transmembrane signaling receptor activity. Predicted to be involved in several processes, including cell surface receptor signaling pathway; negative regulation of regulatory T cell differentiation; and plasmacytoid dendritic cell activation. Predicted to act upstream of or within negative regulation of T cell activation; negative regulation of interleukin-2 production; and positive regulation of natural killer cell mediated cytotoxicity. Predicted to be located in external side of plasma membrane and extracellular region. Orthologous to human LAG3 (lymphocyte activating 3).</p>
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.3 kDa; Accurate Molecular Mass: 55 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

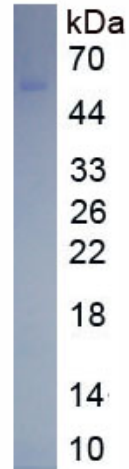
GENE INFORMATION

Gene Name	Lag3 lymphocyte-activation gene 3 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Lag3
Synonyms	LAG3; lymphocyte-activation gene 3; lymphocyte activation gene 3 protein; LAG-3; CD223; MGC108901;
Gene ID	297596
mRNA Refseq	NM_212513
Protein Refseq	NP_997678
UniProt ID	Q5BK54

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