

Recombinant Mouse LAG3 protein(Met1-Arg432), His-tagged

Cat. No. LAG3-1143M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse LAG3 (NP_032505.1) (Met1-Arg432) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg432
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind FGL1 Protein, Mouse, Recombinant (hFc Tag) in functional ELISA.
Molecular Mass	The recombinant mouse LAG3 consists of 420 amino acids and predicts a molecular mass of 45.7 kDa. As a result of glycosylation, it migrates as an approximately 55.4 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Lag3 lymphocyte-activation gene 3 [Mus musculus]

Official Symbol LAG3

Synonyms LAG3; lymphocyte-activation gene 3; lymphocyte activation gene 3 protein; Ly66; CD223; LAG-3;

Gene ID 16768

mRNA Refseq NM_008479

Protein Refseq NP_032505

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