

Recombinant Human LAG3 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. LAG3-783HAF488 Lot. No. (See product label)

SPECIFICATION

Product Overview Alexa Fluor 488 conjugated recombinant human LAG3 (NP_002277.4) (Met1-Leu450) was expressed with the Fc region of human IgG1 at the C-terminus.

Species Human

Source HEK293

ProteinLength 660

Form Lyophilized

Molecular Mass 72.3 kDa

N-terminal Sequence Analysis Val 29

Endotoxin < 1.0 EU/ µg of the protein as determined by the LAL method.

Purity > (3.0+91.0+3.1) % as determined by SDS-PAGE

Characteristic Disulfide-linked homodimer
Labeled with Alexa Fluor 488 via amines
Excitation Wavelength: 488 nm
Emission Wavelength: 515-545 nm

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to-70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	LAG3 lymphocyte-activation gene 3 [Homo sapiens]
Official Symbol	LAG3
Synonyms	LAG3; lymphocyte-activation gene 3; lymphocyte activation gene 3 protein; CD223;
Gene ID	3902
mRNA Refseq	NM_002286
Protein Refseq	NP_002277
MIM	153337
UniProt ID	P18627

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