Recombinant Rat Lag3 Protein, His-tagged, FITC conjugated

Cat. No. Lag3-39RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC conjugated recombinant Rat Lag3 (Q5BK54) (Met1-Leu442), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	HEK293
ProteinLength	430
Form	Lyophilized
Molecular Mass	The recombinant rat LAG3 comprises 430 amino acids and predicts a molecular mass of 47.1 kDa. The apparent molecular mass of the recombinant protein is approximately 55 kDa in SDS-PAGE under reducing conditions due to glycosylation.
N-terminal Sequence Analysis	Gly 24
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Excitation Wavelength: 488 nm Emission Wavelength: 535 nm
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 20 mM NaAc, 500 mM NaCl, 10% Glycerol, 0.02% tween 20, pH 5.5. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	FITC

GENE INFORMATION

Gene Name	Lag3 lymphocyte-activation gene 3 [Rattus norvegicus]
Official Symbol	Lag3
Gene ID	297596
mRNA Refseq	NM_212513
Protein Refseq	NP_997678

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA