

Active Recombinant Rat Btla Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. BTLA-1148RAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant rat Btla (NP_998795.1) (Ala6-Tyr183) was expressed with the Fc region of mouse IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	384
Form	Lyophilized
Bio-activity	<ol style="list-style-type: none"> 1. Measured by its binding ability in a functional ELISA. 2. Immobilized rat BTLA-mFc at 10 µg/mL (100 µL/well) can bind mouse HVEM-Fch. The EC50 of mouse EFNA5-Fc is 6.2-14.4 ng/mL.
Molecular Mass	43.4 kDa
N-terminal Sequence Analysis	Lys 30
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE

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Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 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 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 647

GENE INFORMATION

Gene Name	Btla B and T lymphocyte associated [<i>Rattus norvegicus</i>]
Official Symbol	BTLA
Synonyms	BTLA; B and T lymphocyte associated; B- and T-lymphocyte attenuator; B and T lymphocyte attenuator; B- and T-lymphocyte-associated protein;
Gene ID	407756
mRNA Refseq	NM_213630

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Protein Refseq

NP_998795

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