Recombinant Rat Ctla4 Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. Ctla4-1144RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant rat Ctla4 (NP_113862.1) (Met1-Asp161) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	137
Form	Lyophilized
Molecular Mass	The recombinant rat Ctla4 consists 137 amino acids and predicts a molecular mass of 15.2 kDa.
N-terminal Sequence Analysis	Glu 36
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be

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	efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.
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 555

GENE INFORMATION

Gene Name	Ctla4 cytotoxic T-lymphocyte-associated protein 4 [Rattus norvegicus]
Official Symbol	Ctla4
Synonyms	CTLA4; cytotoxic T-lymphocyte-associated protein 4; cytotoxic T-lymphocyte protein 4; soluble form; CD152 antigen; transmembrane form; Cd152; CTLA-4; sCTLA4;
Gene ID	63835
mRNA Refseq	NM_031674
Protein Refseq	NP_113862

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