Recombinant Rat Pdcd1lg2 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. Pdcd1lg2-541RAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the rat PDCD1LG2 (NP_001101052.2) (Met1-Arg219) (Alexa Fluor 488 conjugated) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Arg219 438
Form	Lyophilized
Molecular Mass	The recombinant rat PDCD1LG2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 438 amino acids and has a predicted molecular mass of 49.2 kDa. The apparent molecular mass of the protein is approximately 64.6 kDa in SDS-PAGE under reducing conditions.
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 Alexa Fluor 488 via amines Excitation Wavelength: 488 nm

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	Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH7.4.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	Pdcd1lg2 programmed cell death 1 ligand 2 [Rattus norvegicus]
Official Symbol	Pdcd1lg2
Synonyms	PDCD1LG2; programmed cell death 1 ligand 2;
Gene ID	309304
mRNA Refseq	NM_001107582
Protein Refseq	NP_001101052

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