

Recombinant Rat Pdcd1Ig2 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. Pdcd1Ig2-541RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the rat PDCD1LG2 (NP_001101052.2) (Met1-Arg219) (Alexa Fluor 555 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 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 -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 555

GENE INFORMATION

Gene Name

[Pdc1lg2 programmed cell death 1 ligand 2 \[Rattus norvegicus \]](#)

Official Symbol

[Pdc1lg2](#)

Synonyms

PDCD1LG2; programmed cell death 1 ligand 2;

Gene ID

[309304](#)

mRNA Refseq

[NM_001107582](#)

Protein Refseq

[NP_001101052](#)

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