

# Recombinant Rat Cd274 Protein, His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** Cd274-562RAF555    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Cd274 Protein (NP_001178883.1, 1-238aa), was expressed in HEK293 with C-terminal His tag and Alexa Fluor 555 conjugate.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-238 aa
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant rat CD274 comprises 232 amino acids and predicts a molecular mass of 26.5 kDa. The apparent molecular mass of the recombinant protein is approximately 50.7 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	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 efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH7.4.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Cd274 CD274 molecule [ Rattus norvegicus ]</a>
<b>Official Symbol</b>	<a href="#">Cd274</a>
<b>Synonyms</b>	CD274; CD274 molecule; programmed cell death 1 ligand 1; Pdcd1lg1; RGD1566211;
<b>Gene ID</b>	<a href="#">499342</a>
<b>mRNA Refseq</b>	<a href="#">NM_001191954</a>
<b>Protein Refseq</b>	<a href="#">NP_001178883</a>

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