

Recombinant Rat Cd274 protein, His & GST-tagged

Cat. No. Cd274-7693R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd274 Protein (34-241aa), was expressed in E. coli with N-terminal His tag and GST tag.
Species	Rat
Source	E.coli
ProteinLength	34-241 aa
Form	Freeze-dried powder
Molecular Mass	64kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.2.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

 Tel: 1-631-559-9269 1-516-512-3133

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than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

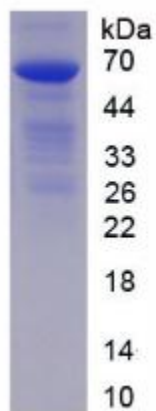
GENE INFORMATION

Gene Name	Cd274 CD274 molecule [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Cd274
Synonyms	Pdcd1lg1; RGD1566211; programmed cell death 1 ligand 1
Gene ID	499342
mRNA Refseq	NM_001191954.1
Protein Refseq	NP_001178883.1
UniProt ID	D4AE25

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SDS-PAGE

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