

Active Recombinant Rat CD274 Protein, His-tagged

Cat. No. CD274-11141R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Rat CD274 Protein(NP_001178883.1)(Ala18-Thr238) is expressed from HEK293 with His tag at the C-Terminus.
Species	Rat
Source	HEK293
ProteinLength	18-238 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Rat PD-L1 at 10 µg/mL (100 µL/well) can bind Biotinylated Rat PD-1 with a linear range of 0.0195-2.16 µg/mL.
Molecular Mass	25.90 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name Cd274 CD274 molecule [*Rattus norvegicus*]

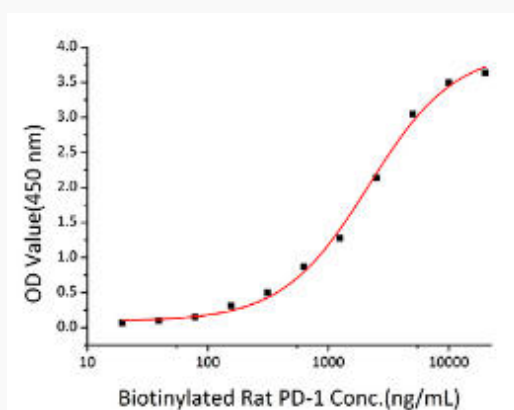
Official Symbol CD274

Synonyms CD274; CD274 molecule; programmed cell death 1 ligand 1; Pdcd1lg1; RGD1566211;

Gene ID 499342

mRNA Refseq NM_001191954

Protein Refseq NP_001178883

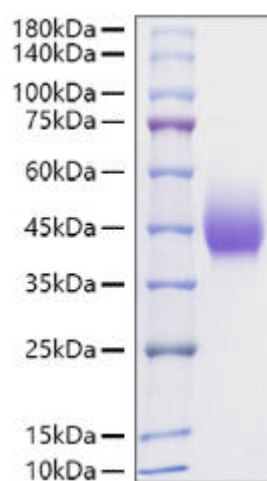
Activity


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SDS-PAGE



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