PD-L1 Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	PD-L1, Recombinant Protein
Full Product Name	Recombinant Rat PD-L1
Product Gene Name	PD-L1 recombinant protein
Product Synonym Names	B7-H; B7H1; B7-H1; B7H1PDCD1L1; CD274 antigenMGC142294; CD274 molecule; CD274; PDCD1L1; PDCD1LG1; PDL1; PD-L1; PD-L1B7 homolog 1; PDL1PDCD1 ligand 1; programmed cell death 1 ligand 1; Programmed death ligand 1
Sequence	Ala18-Thr2 38
Host	Mammalian Cells
Form/Format	Lyophilized from a 0.2um filtered solution of PBS, pH7.4
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Preparation and Storage	The lyophilized protein is stable at -20 degree C for up to 1 year. After reconstitution, the protein solution is stable at -20 to -80 degree C for 3 months or 1 week at 2 to 8 degree C under sterile conditions. For extended storage, it is recommended to further dilute in working aliquots, avoid repeated freeze/thaw cycle.
Molecular Weight	33,047 Da
3D Structure	ModBase 3D Structure for D4AE25
Species	Rat
Endotoxin	< 1 EU/ug as determined by LAL test.
Tag	C-terminal His Tag
Reconstitution	Centrifuge the vial at 10000rpm for 30s before opening, reconstitute in sterile distilled water to a concentration of 0.1-1mg/ml by gently pipetting 2-3 times, don't vortex.
Product Categories/Family for PD-L1 recombinant protein	cytokines; immune-checkpoint-proteins
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for PD-L1 recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for PD-L1 recombinant protein	MBS7621761 is a recombinant protein targeting PD-L1. Also known as Recombinant Rat PD-L1. Host: Mammalian Cells.
Other Notes	Small volumes of PD-L1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PD-L1. It may not necessarily be applicable to this product.

NCBI GI #	300794627
NCBI GeneID	499342
NCBI Accession #	NP_001178883.1

UniProt Primary Accession #	D4AE25
GenBank Nucleotide #	NM_001191954.1
NCBI Official Full Name	programmed cell death 1 ligand 1
NCBI Official Synonym Full Names	CD274 molecule
NCBI Official Symbol	Cd274
NCBI Official Synonym Symbols	Pdcd1lg1; RGD1566211
UniProt Protein Name	CD274 molecule
UniProt Synonym Protein Names	CD274 molecule
UniProt Gene Name	Cd274
NCBI Protein Information	programmed cell death 1 ligand 1
Research Articles on PD-L1	**1.** Upregulation of PD-1 and PD-L1 was associated with marked increases in GADD153 during myocardial ischemic reperfusion injury.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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