

AR50469PU-S**Mouse CD274 / PDL1 (19-239, His-tag) - Purified**

Alternate names:	B7 homolog 1, B7H1, B7H1, PD-L1, PDCD1 ligand 1, PDCD1L1, PDCD1LG1, Programmed cell death 1 ligand 1, Programmed death ligand 1
Quantity:	0.1 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	CD274, also known as programmed cell death 1 ligand 1(PDCD1L1), is involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PDCD1-independent manner. This protein interacts with PDCD1 inhibits T-cell proliferation and cytokine production.
Uniprot ID:	Q9EP73
NCBI:	NP_068693.1
GeneID:	60533
Species:	Mouse
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.15M NaCl
Description:	Recombinant mouse CD274 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMTTITA PKDLYVVEYG SNVTMECRFP VERELDLLAL VVYWEKEDEQ VIQFVAGEED LKPQHSNFRG RASLPKDQLL KGNAALQITD VKLQDAGVYC CIISYGGADY KRITLKVNP YRKINQRISV DPATSEHELI CQAEGYPEAE VIWTNSDHQP VSGKRSVTTS RTEGMLLNVT SSLRVNATAN DVFYCTFWRS QPGQNHTAEL IPELPAHP PQNRTH Molecular weight: 27.6 kDa (246aa), confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Li,X., et al. (2012) J. Immunol. 188 (2), 724-734 Pulko,V., et al. (2011) J. Immunol. 187 (11), 5606-5614

Pictures:

