

AR50367PU-N

Human CD274 / PDL1 (19-238, 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 interaction with PDCD1 inhibits T-cell proliferation and cytokine production.
Uniprot ID:	Q9NZQ7
NCBI:	NP_054862
GeneID:	29126
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT
Description:	Recombinant Human CD274 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHHH SSSLVPRGSH MGSMTFTVTV PKDLYVVEYG SNMTIECKFP VEKQLDLAAL IVYWEMEDKN IIQFVHGEED LKVQHSSYRQ RARLLKDQLS LGNAALQITD VKLQDAGVYR CMISYGGADY KRITVKVNAP YNKINQRILV VDPVTSEHEL TCQAEGYPKA EVIWTSSDHQ VLSGKTTTTN SKREEKLFNV TSTLRINTTT NEIFYCTFRR LDPEENHTAE LVIPELPLAH PPNER Molecular weight: 27.9 kDa (245aa), confirmed by MALDI-TOF (Molecular weight 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:	Dong H., et al. (1999) Nat. Med. 5:1365-1369. Freeman G.J., et al. (2000) J. Exp. Med. 192:1027-1034

Pictures:

