

CD274, 19-238aa, Human, His tag, E.coli

Cat.NO.: TP01498

3th Edition

Synonyms: Programmed cell death 1 ligand, B7-H, B7H1, PD-L1, PDCD1L1, PDCD1LG1, PDL1.

Description: 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.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT

Molecular Weight: 27.9 kDa (245aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMFTVTVPKDLYVVEYGSNMTIECKFPVEKQLDLAALIVYWEMEDKNIIQFVH
GEEDLKVQHSSYRQRARLLKDQLSLGNAALQITDVKLQDAGVYRCMISYGGADYKRITVKVNAPYNKINQRILVVD
VTSEHELTCQAEGYPKAEVIWTSSDHQVLSGKTTTTNSKREEKLFNVTSTLRINTTTNEIFYCTFRRLDPEENHTAEL
VIPELPLAHPNER

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.