

**CD274, 19-239aa, Mouse, His tag, E.coli**

**Cat.NO.: TP01499**

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3th Edition

**Synonyms:**CD274 antigen, A530045L16Rik, B7h1, 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, 0.15M NaCl

**Molecular Weight:**27.6kDa(246aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMFTITAPKDLYVVEYGSNVTMECRFPVERELDLLALVVYWEKEDEQVIQFV  
AGEEDLKPQHSNFRGRASLPKDQLLKGNAALQITDVKLQDAGVYCCIIISYGGADYKRITLKVNPYRKRINQRISVDPA  
TSEHELICQAEGYPEAEVIWTNSDHQPVSGKRSVTTSTRTEGMLLNVTSLSLRVNATANDVFYCTFWRSQPGQNHTA  
ELIPELPATHPPQNRTH

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml

**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.