

CD274, mouse recombinant

CATALOG #: 7311-100 100 µg

ALTERNATE NAMES: CD274 antigen, A530045L16Rik, B7h1, Pdcd111, Pdcd1lg1, Pdl1

SOURCE: E. coli

PURITY: > 85% by SDS-PAGE

MOL. WEIGHT: 27.6 kDa (246 aa, 19-239 aa + His tag), confirmed by MALDI-TOF.

ENDOTOXIN LEVEL: < 1.0 EU per 1 µg of protein

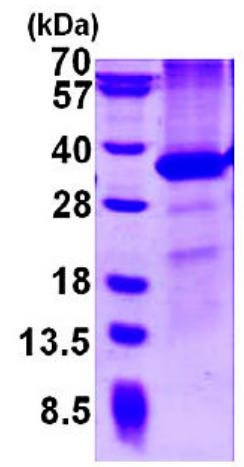
FORM: Liquid

FORMULATION: 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl and 10% glycerol.

STORAGE CONDITIONS: 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.

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. This protein interacts with PDCD1 inhibits T-cell proliferation and cytokine production. Recombinant mouse CD274 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AMINO ACID SEQUENCE: MGSSHHHHHH SGLVPRGSH MGS HM RASLPKDQLL KGNAALQITD VKLQDAGVYC CIISYGGADY KRITLKV NAP YRKINQRISV DPATSEHELI CQAEGYPEAE VIWTNSDHQP FTITA PKDLYVVEYG SNVTMECRFP VERELDLLAL VVYWEKEDEQ VIQFVAGEED LKPQHSNFRG VSGKRSVTTS RTEGM LLNVT SSLRVNATAN DVFYCTFWRS QPGQNHTAEL IPELPATHP PQNRTH



15% SDS-PAGE (3µg)
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- RELATED PRODUCTS:**
- CD1E, human recombinant (Cat. No. 7308-100)
 - CD200, human recombinant (Cat. No. 7309-100)
 - CD226, human recombinant (Cat. No. 7310-100)
 - CD300C, human recombinant (Cat. No. 7312-100)
 - CD3G, human recombinant (Cat. No. 7313-100)
 - CD46, human recombinant (Cat. No. 7314-100)
 - CD5, human recombinant (Cat. No. 7315-100)
 - CD7, human recombinant (Cat. No. 7316-100)
 - CD74, human recombinant (Cat. No. 7317-100)
 - CD79B, human recombinant (Cat. No. 7318-100)
 - CD84, human recombinant (Cat. No. 7319-100)
 - CD8B, human recombinant (Cat. No. 7320-100)

FOR RESEARCH USE ONLY! Not to be used in humans.