

32-13097: CD274 Human, Sf9

Alternative Name : CD274 molecule, CD274 antigen, programmed cell death 1 ligand 1, PD-L1, PDCD1L1, PDCD1LG1, PDCD1 ligand 1, B7 homolog 1, B7H1.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

CD274 takes part in the costimulatory signal, vital for T-cell proliferation and creation of IL10 and IFNG, in a PDCD1-independent and an IL2-dependent manner. CD274 collaboration with PDCD1 inhibits cytokine production and T-cell proliferation.

CD274 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 462 amino acids (19-238a.a.) and having a molecular mass of 52.5kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). CD274 is expressed with a 239 amino acids hlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95% as determined by SDS-PAGE.

Content : CD274 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : ADLFTVTVPK DLYVVEYGSN MTIECKFPVE KQLDLAALIV YWEMEDKNII QFVHGEEEDLK VQHSSYRQRA RLLKDQLSLG NAALQITDVK LQDAGVYRCM ISYGGADYKR ITVKVNAPYN KINQRILVVD PVTSEHELTC QAEGYPKAEV IWTSSDHQVL SGKTTTTNSK REEKLNFVTS TLRINTTTNE IFYCTFRRLD PEENHTAELV IPELPLAHP NERLEPKSCD KTHTCP CPA PELLGGPSVF LFPPKPKDTL MISRTPVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVS NKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNQOPENNY KTT PPVLDSG GSFFLYSKLT VDKSRWQOGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH.