

CD274 Human Recombinant

Item Number	rAP-0023
Synonyms	CD274 molecule, CD274 antigen, programmed cell death 1 ligand 1, PD-L1, PDCD1L1, PDCD1LG1, PDCD1 ligand 1, B7 homolog 1, B7H1.
Description	CD274 Human Recombinant produced in E. coli is a single polypeptide chain containing 245 amino acids (19-238) and having a molecular mass of 27.9kDa (Molecular weight on SDS-PAGE will appear higher). CD274 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic
Uniprot Accession Number	Q9NZQ7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMTFTVT PKDLYVVEYG SNMTIECKFP VEKQLDLAAL IVYWEMEDKN IIQFVHGEED LKVQHSSYRQ RARLLKDQLS LGNAALQITD VKLQDAGVYR CMISY- GGADY KRITVKVNAP YNKINQRILV VDPVTSEHEL TCQAEGYPKA EVIWTSSDHQ VLSGKTTTTN SKREEKLFNV TSTLRINTTT NEIFYCTFRR LDPEENHTAE LVIPELPLAH PPNER.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The CD274 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**