

Programmed Cell Death 1 Ligand 2 Human Recombinant

Item Number	rAP-4577
Synonyms	Programmed cell death 1 ligand 2, PD-1 ligand 2, PD-L2, PDCD1 ligand 2, Programmed death ligand 2, PDCD1LG2, B7-DC, Butyrophilin B7-DC, CD273, B7DC, CD273, PDCD1L2, PDL2, bA574F11.2, Btdc.
Description	PDCD1LG2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 204 amino acids (20-200 a.a.) and having a molecular mass of 22.8kDa. PDCD1LG2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9BQ51
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSLFTVTVP KELYIIEHGS NVTLECNFDT GSHVNLSA ASLQKVENDT SPHRERATLL EEQLPLGKAS FHIPQVQVRD EGQQQCIIY GVAWDYKYLT LKVKASYRKI NTHILKVPET DEVELCQAT GYPLAEVSWP NVSVPANTSH SRTPEGLYQV TSVRLKPPP GRN- FSCVFWN THVR.
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	PDCD1LG2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M Urea 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 end users! This product is sold for **Research Use Only**