9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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PDCD1LG2 Human

Programmed Cell Death 1 Ligand 2 Human Recombinant
RCP1606

Product Overview

Name	PDCD1LG2 Human
Description	
Programmed Cell Death 1 Ligand 2 Human Recombinant	
Accession (Primary)	Q9BQ51
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.	
Introduction	
Programmed cell death 1 ligand 2 (PDCD1LG2) which takes part in the costimulatory signal, is necessary for T-cell proliferation. PDCD1LG2 is also involved in IFNG production in a PDCD1-independent way. The interaction with PDCD1 inhibits T-cell proliferation by preventing cytokine production and cell cycle progression.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
PDCD1LG2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M Urea and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS LFTVTVP KELYIIEHGS NVTLECNFDT GSHVNLGAIT ASLQKVENDT SPHRERATLL EEQLPLGKAS FHIPQVQVRD EGQYQCIIIY GVAWDYKYLT LKVKASYRKI NTHILKVPET DEVELTCQAT GYPLAEVSWP NVSVPANTSH SRTPEGLYQV TSVLRLKPPP GRNFSCVFWN THVR.	
Precautions	
PDCD1LG2 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9BQ51)