
Product Data Sheet

Product Name: PDCD1LG2 Human
 Cat. No.: GP24145
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSLFTVTP KELYIIIEHGS NVTLECNFDT GSHVNLGAI ASLQKVENDT SPHRERATLL EEQLPLGKAS FHIPQVQVRD EGQYQCIIY GVAWDYKYLT LKVKASYRKI NTHILKVPET DEVELTCQAT GYPLAEVSWP NVSVPANTSH SRTPEGLYQV TSVLRLKPPP GRNFSCVFWN THVR.		
Formulation	PDCD1LG2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M Urea and 10% glycerol.		

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.

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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by proprietary chromatographic techniques.

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