

Product datasheet for **TP720737M**

PD L2 (PDCD1LG2) (NM_025239) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human programmed cell death 1 ligand 2 (PDCD1LG2)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Leu20-Pro219
Tag:	C-His
Predicted MW:	23.59 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_079515
Locus ID:	80380
UniProt ID:	Q9BQ51
RefSeq Size:	1518
Cytogenetics:	9p24.1
RefSeq ORF:	819
Synonyms:	B7DC; bA574F11.2; Btdc; CD273; PD-L2; PDCD1L2; PDL2



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Summary: Involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs)