

Recombinant Mouse PD CD1LG2 Protein

Cat. No. PD CD1LG2-718M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PD CD1LG2 protein without tag was expressed in HEK293.
Species	Mouse
Source	HEK293
Protein Length	247
Description	Acts upstream of or within negative regulation of T cell proliferation and positive regulation of T cell proliferation. Predicted to be located in plasma membrane. Predicted to be integral component of membrane. Predicted to be active in external side of plasma membrane. Is expressed in several structures, including alimentary system epithelium; forebrain; nose; retina; and skin. Orthologous to human PD CD1LG2 (programmed cell death 1 ligand 2).
Form	Lyophilized
Molecular Mass	24.4 kDa
AA Sequence	MLLLLPILNLSLQLHPVAALFTVTAPKEVYTVDVGSSVSLECDFDRRECTELEGRASL QKVENDTSLQSERATLLEEQLPLGKALFHIPSVQVRDSGQYRCLVICGAAWDYKYLT VKVKASYMRIDTRILEVPGTGEVQLTCQARGYPLAEVSWQNVSV PANTSHIRTPEGL YQVTSVLRLKPQPSRNFSCMFWNAHMKELTSAIDPLSRMEPKVPRTWPLHVFIPAC TIALIFLAIVIIQRKRI

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	Pdcd1lg2 programmed cell death 1 ligand 2 [Mus musculus (house mouse)]
Official Symbol	PDCD1LG2
Synonyms	PDCD1LG2; programmed cell death 1 ligand 2; PD-1 ligand 2; PDCD1 ligand 2; butyrophilin B7-DC; butyrophilin-like protein; programmed death ligand 2; Btdc; B7-DC; PD-L2; F730015O22Rik; MGC124039; MGC124040;
Gene ID	58205

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mRNA Refseq	NM_021396
Protein Refseq	NP_067371
UniProt ID	Q9WUL5

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