

Datasheet for ABIN5854873

PDCD1LG2 Protein (AA 20-200) (hIgG-His-tag)



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1 Image

Overview

Quantity:	50 µg
Target:	PDCD1LG2
Protein Characteristics:	AA 20-200
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDCD1LG2 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPLFTVTVP KELYIIIEHGS NVTLECNFDT GSHVNLGAIT ASLQKVENDT SPHRERATLL EEQLPLGKAS FHIPQVQVRD EGQYQCIIY GVAWDYKYLT LKVKASYRKI NTHILKVPET DEVELTCQAT GYPLAEVSWP NVSVPANTSH SRTPEGLYQV TSVLRLKPPP GRNFSCVFVN THVRLEPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVME ALHNHYTQKS LSLSPGKHHH HHH
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

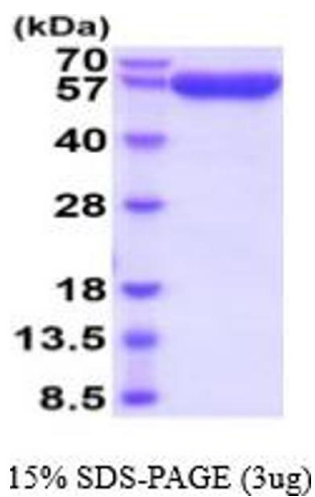
Target:	PDCD1LG2
Alternative Name:	PD-L2/B7-DC (PDCD1LG2 Products)
Background:	PDCD1LG2, also known as programmed cell death 1 ligand 2, which belongs to the immunoglobulin superfamily or TN/MOG family. This protein is involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Also, its interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production. Recombinant human PDCD1LG2, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	47.7 kDa (423aa)
NCBI Accession:	NP_079515
UniProt:	Q9BQ51

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.