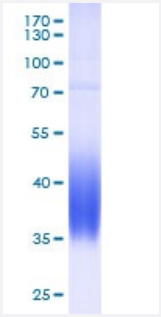
Bioactive HuPro®

PDCD1LG2 (Human) Recombinant Protein

Catalog # P6783 Size 100 ug

Applications



PDCD1LG2 (Human) Recombinant Protein (Cat # P6783) was determined by SDS-PAGE with Coomassie Blue, showing a band at 29-47 kDa.

Result of activity analysis

Result of activity analysis

Specification

Product Description	Human PDCD1LG2 (NP_079515.2, 20 a.a. - 219 a.a.) partial recombinant protein with 6x His tag at C-terminal expressed in HEK293 cells.
Host	Human
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Ni-sepharose purification
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 0.1 EU/ug of the protein by LAL method.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Activity	Measured by the binding ability in a functional ELISA. Immobilized PDCD1LG2 (Human) Recombinant Protein (Cat # P6783) at 5 ug/mL (100 uL/well) can bind Recombinant Human PD-1 with a linear range of 0.3-1.2 ug/mL.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue PDCD1LG2 (Human) Recombinant Protein (Cat # P6783) was determined by SDS-PAGE with Coomassie Blue, showing a band at 29-47 kDa.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS, pH 7.4.
Storage Instruction	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution to a concentration of 0.1-0.5 mg/mL in sterile distilled water, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- SDS-PAGE

Gene Info — PDCD1LG2

Entrez GeneID	80380
Protein Accession#	NP_079515.2
Gene Name	PDCD1LG2
Gene Alias	B7DC, Btdc, CD273, MGC142238, MGC142240, PD-L2, PDCD1L2, PDL2, bA574F11.2
Gene Description	programmed cell death 1 ligand 2
Omim ID	605723
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000021030|PD-1-ligand 2|programmed death ligand 2

Pathway

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Cell adhesion molecules (CAMs)

Disease

- Colorectal Neoplasms
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Graves Disease

Copyright © 2023 Abnova Corporation. All Rights Reserved.