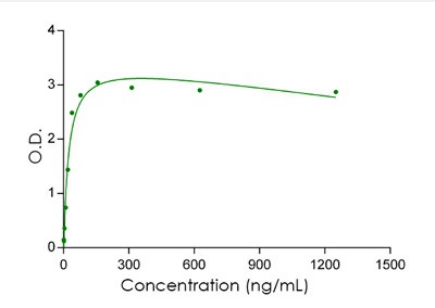
Bioactive HuPro®

PDCD1LG2 (Human) Recombinant Protein

Catalog # P7568 Size 1 mg

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description	Human PDCD1LG2 (Q9BQ51, 20 a.a. - 219 a.a.) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cell.
Sequence	LFTVTVPKELYIIEHGSNVTLECNFDTGSHVNLGAITASLQKVENDTSPHRERATLLEEQLPLGKASFHIPQVQVRDEGQYQCIIIYGVAWDYKYLTLKVKASYRKINTHILKVPETDEVELTCQATGYPLAEVSWPNVSVPANTSHSRTPEGLYQVTSVLRLKPPPGRNFSCVFWNTHVRELTLASIDLQSQMEPRTHP
Host	Mammals
Theoretical MW (kDa)	75
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 97% by SDS-PAGE
Endotoxin Level	< 0.2 EU per 1 ug of protein (determined by gel clotting method)
Activity	Immobilized PD-L2, hFc, Human at 5.0 ug/mL (100 uL/well) can bind Biotin-PD-1 Fc, Human when detected by Streptavidin-HRP.
Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL

Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — PDCD1LG2

Entrez GeneID	80380
Protein Accession#	Q9BQ51
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

- Cell adhesion molecules (CAMs)

Disease

- Colorectal Neoplasms
- Diabetes Mellitus
- Genetic Predisposition to Disease

- Graves Disease