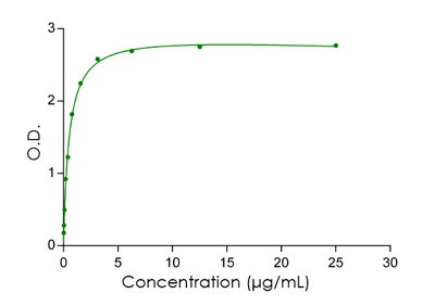
Bioactive HuPro®

CD274 (Human) Recombinant Protein

Catalog # P7575 Size 1 mg

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description	Human CD274 (Q9NZQ7-1, 19 a.a. - 239 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cell.
Sequence	FTVTVPKDLYVVEYGSNMTIECKFPVEKQLDLAALIVYWEMEDKNIIQFVHGEEDLKVQHSSYRQR ARLLKDQLSLGNAALQITDVKLQDAGVYRCMISYGGADYKRITVKVNAPYNKINQRILVVDPVTSEH ELTCQAEGYPKAEVIWTSSDHQVLSGKTTTTNSKREEKLFNVTSTLRINTTTNEIFYCTFRRLDPEE NHTAELVIPELPLAHPPNERT
Host	Mammals
Theoretical MW (kDa)	31-35
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 0.2 EU per 1 ug of protein (determined by gel clotting method)
Activity	Immobilized PD-L1, His, Human at 2.0 ug/mL (100 uL/well) can bind PD-1 Fc Chimera, Human.
Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL

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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 — CD274

Entrez GeneID	29126
Protein Accession#	Q9NZQ7-1
Gene Name	CD274
Gene Alias	B7-H, B7H1, MGC142294, MGC142296, PD-L1, PDCD1L1, PDCD1LG1, PDL1
Gene Description	CD274 molecule
Omim ID	605402
Gene Ontology	Hyperlink
Other Designations	CD274 antigen|OTTHUMP00000021029|programmed cell death 1 ligand 1

Pathway

- Cell adhesion molecules (CAMs)

Disease

- Addison Disease
- Arthritis
- Autoimmune Diseases

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- Diabetes Mellitus
- Genetic Predisposition to Disease
- Graves Disease
- Lupus Erythematosus
- Multiple Sclerosis
- Narcolepsy
- Rheumatoid Nodule

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