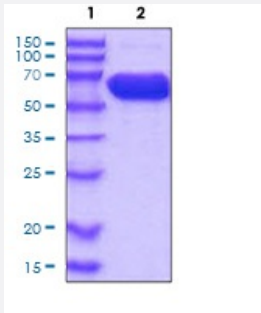


Bioactive

CD274 (Human) Recombinant Protein

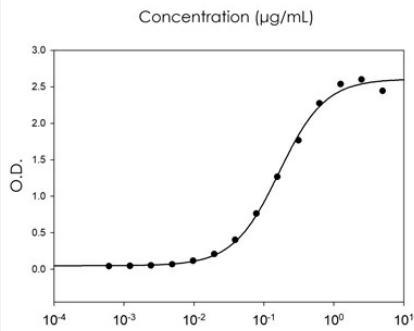
Catalog # P8023 Size 100 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis



Specification

Product Description

Human CD274 (Q9NZQ7, 19 a.a. - 238 a.a.) partial length recombinant protein with hlgG-His tag expressed in Baculovirus expression system.

Sequence

FTVTVPKDLVVEYGSNMTIECKFPVEKQLDLAALVWEMEDKNIQFVHGEECLKVQHSSYRQR
ARLLKDQLSLGNAALQITDVKLQDAGVYRCMISYGGADYKRITVKVNAPYNKINQRILVDPVTSEH
ELTCQAEGYPKAEVMTSSDHQVLSGKTTTTNSKREEKLFNVTSTLRINTTTNEIFYCTFRRLDPEE
NHTAELVPELPLAHPNER

Host

Viruses

Theoretical MW (kDa)

52.5

Form	Liquid
Preparation Method	Baculovirus expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	ED ₅₀ is < 0.5 ug/mL, measured by the binding ability in a functional ELISA with Human PD-1.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and 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
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](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)
- [Rheumatoid Nodule](#)