



AVISCERA BIOSCIENCE

Human Soluble Programmed Death Ligand 1 (PDL1) Recombinant

Alternative name: Human Soluble CD274 Tag

Description

A DNA sequence encoding the extracellular domain form of human PDL1 (Phe¹⁹-Arg²³⁸) with his tag on the C-Terminus was expressed in human HEK293 cells. The recombinant human Soluble PDL1 has a calculated MW of 26 kDa. Due to glycosylation, the recombinant human soluble PD1 Fc Tag migrates as an approximately 35-42 kDa protein in SDS-PAGE under reduce condition.

Formulation

Lyophilized 10 µg human soluble PDL1 in 50 µl of 0.2 µm filtered solution in PBS. Carry free.

Endotoxin Levels

< 1.0 EU per 1 µg of the protein by the LAL method.

Bioactivity

The bioactivity was measured to binding human PDL1 on a functional ELISA.

The coated human PDL1 at 500 ng/well enables to bind the human soluble PD1 Fc with a linear range 50 ~ 1000 ng/ml.

Reconstitution & Storage

Add 50 µl PBS to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4° C, mix well.

Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 6 months from date of receipt at -20° C to -70° C. Upon reconstitution, this protein can be stored at -20° C for a few weeks or at -70° C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Human PDL1, extracellular domain (Phe19-Arg238)

Product Information

Code	00809-02-10
Name	Soluble PDL1 Tag (Human), Rec.
Lot No.	
Size	10 µg
Species	Human
Sequence	Phe19-Arg238
Protein ID	NP_054862
Gene ID	NM_014143
MW	35-42 KD (glycosylated) in SDS-PAGE gel under reduce condition
Tag	His tag on C terminus
Source	Human cells
Purity	>95% in SDS-PAGE gel
Formulation	PBS lyophilized form without preservatives
Carry	Free
Storage	-70° C
Reconstitution	PBS, 50 µl
Application	Cell Biology

ORDER INFORMATION
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