



AVISCERA BIOSCIENCE

Human Soluble Programmed Cell Death 1 (PD1/PCD1) Fc Tag

Alternative name: Human Soluble CD279 Fc Tag

Description

A DNA sequence encoding the extracellular domain of human PD1 (Leu²⁵-Gln¹⁶⁷) with human IgG1 Fc tag on the C-Terminus was expressed in human HEK293 cells. The recombinant human Soluble PD1 Fc Tag has a calculated MW of 43 kDa. Due to glycosylation, the recombinant human soluble PD1 Fc Tag migrates as an approximately 55-65 kDa protein in SDS-PAGE under reduce condition.

Formulation

Lyophilized 10 µg human soluble PD1 Fc Tag 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 PDL1 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 PD1, extracellular domain (Leu25-Gln167) plus human IgG1 Fc

Product Information

Code	00808-03-10
Name	Soluble PD1 Fc Tag (Human), Rec.
Lot No.	
Size	10 µg
Species	Human
Sequence	Leu25-Gln167
Protein ID	NP_005009
Gene ID	NM_005018
MW	55-65 KD (glycosylated) in SDS-PAGE gel under reduce condition
Tag	Fc tag on C terminus
Source	Human cells
Purity	>95% in SDS-PAGE gel PBS lyophilized
Formulation	form without preservatives
Carry	Free
Storage	-70° C
Reconstitution	PBS, 50 µl
Application	Cell Biology

ORDER INFORMATION
AVISCERA BIOSCIENCE, INC.
2348 Walsh Ave. Suite C
Santa Clara, CA 95051
USA
Tel: (408) 982 0300
Fax: (408) 982 0301
Email:
Sales@AvisceraBioscience.com
www.AvisceraBioscience.com

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