

Human PD1 / PDCD1 Protein (His &amp; Fc Tag)

Catalog Number: C22-103-77

Lot Number: P23AZ822Z

Quality Release Date:03 AUG 2023

## Certificate of Analysis

### Description

Source HEK293 Cells-derived Human PD1 / PDCD1 Protein (His & Fc Tag)  
Met1-Gln167, Accession # NP\_005009.2

Predicted N terminal Leu 25

Predicted Molecular Mass 43.84 kDa

### Specifications

Activity Measured by its binding ability in a functional ELISA. Immobilized recombinant human PD-L2 at 1  $\mu$ g/ml (100ul/well) can bind human PD1 / Fc chimera with a linear range of 7.8-1000 ng/ml.

Purity  $\geq$  97 % as determined by SDS-PAGE.

Endotoxin < 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

Formulation Lyophilized from sterile PBS, pH 7.4, 5% Trehalose, 5% Mannitol, 0.01% Tween-80.

### Preparation and Storage

Reconstitution Reconstituted with sterile deionized water to 1.25 mg/mL.

Shipping In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Stability & Storage Samples are stable for 12 months from date of receipt at -20°C to -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

