

## **PRODUCT INFORMATION**

PD-1 **Target** 

**Synonyms** Pdcd1;Pdc1;Ly101

Recombinant mouse PD-1 protein with C-terminal **Description** 

human Fc tag

**Delivery** In Stock **Uniprot ID** Q02242 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

**Background** 

Mouse PD-1(Leu25-Gln167) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 

42.3 kDa after removal of the signal peptide. The apparent molecular mass of mPD-1-hFc is approximately 35-70 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Involved in negative regulation of immune response. Acts upstream of or within negative regulation of apoptotic process; negative regulation of tolerance induction; and positive regulation of apoptotic process. Located in external side of plasma membrane. Is expressed in retina. Used to study dilated cardiomyopathy

and systemic lupus erythematosus. Human ortholog(s) of this gene implicated in autoimmune disease (multiple); hepatitis B; hepatitis C;

hepatocellular carcinoma; and lupus nephritis. Orthologous to human PDCD1 (programmed cell death 1). [provided by Alliance of Genome Resources, Apr 2022]

**Usage** Research use only Conjugate Unconjugated

> Email: info@dimabio.com Website: www.dimabio.com





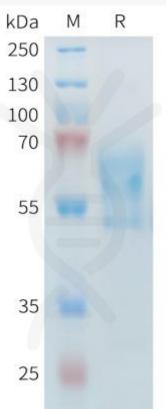


Figure 1. Mouse PD-1 Protein, hFc Tag on SDS-PAGE under reducing condition.

Email: info@dimabio.com Website: www.dimabio.com

