

# Recombinant Mouse Pcd1 Protein, Fc/His-tagged, FITC conjugated

**Cat. No.** Pcd1-2303MF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | FITC conjugated recombinant Mouse Pcd1 extracellular domain (Met 1-Gln 167) (NP_032824.1), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.  |
| <b>Species</b>          | Mouse  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | 391  |
| <b>Form</b>             | Lyophilized  |
| <b>Molecular Mass</b>   | The recombinant mouse PDCD1/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 391 amino acids and has a predicted molecular mass of 44.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm PDCD1/Fc monomer is approximately 60-65 kDa due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.   |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with FITC via amines<br>Excitation source: 488 nm spectral line, argon-ion laser<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 535 nm   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |   |
|-----------------------|---|
| <b>Stability</b>      | Samples are stable for up to 12 months from date of receipt at -70 centigrade.  |
| <b>Storage</b>        | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.       |
| <b>Storage Buffer</b> | Lyophilized from sterile PBS, pH 7.4  |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| <b>Conjugation</b>    | FITC  |

## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | <a href="#">Pdcd1 programmed cell death 1 [ Mus musculus ]</a> |
| <b>Official Symbol</b> | <a href="#">Pdcd1</a>  |
| <b>Gene ID</b>         | <a href="#">18566</a>  |
| <b>mRNA Refseq</b>     | <a href="#">NM_008798</a>                                      |
| <b>Protein Refseq</b>  | <a href="#">NP_032824</a>                                      |

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