

## Recombinant Mouse Cd86, Fc-His tagged

**Cat. No.** Cd86-2282M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Cd86 precursor extracellular domain (Met 1-Glu 245) (NP_062261.3), 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>           | Human Cells                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-245 a.a.                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | The recombinant mouse CD86/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 470 amino acids and has a predicted molecular mass of 53.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm CD86/Fc monomer is approximately 70-80 kDa due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                                                                                                                              |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                                                                                                                                    |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                    |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution.  
Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|                  |                                    |
|------------------|------------------------------------|
| <b>Gene Name</b> | Cd86 CD86 antigen [ Mus musculus ] |
|------------------|------------------------------------|

|                        |      |
|------------------------|------|
| <b>Official Symbol</b> | Cd86 |
|------------------------|------|

|                |       |
|----------------|-------|
| <b>Gene ID</b> | 12524 |
|----------------|-------|

|                    |           |
|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_019388 |
|--------------------|-----------|

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| <b>Protein Refseq</b> | NP_062261 |
|-----------------------|-----------|

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