

## Active Recombinant Human CD86 Protein, Fc Chimera

Cat. No. CD86-575H Lot. No. (See product label)

### SPECIFICATION

|                             |  |
|-----------------------------|--|
| <b>Product Overview</b>     | Recombinant Human CD86 (Accession # NP_008820), fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.   |
| <b>Species</b>              | Human  |
| <b>Source</b>               | CHO  |
| <b>Predicted N Terminal</b> | Leu20  |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.   |
| <b>Bio-activity</b>         | Measured by its ability to induce IL-2 secretion by Jurkat human acute T cell leukemia cells. Freeman, G.J. et al. (1993) Science 262:909. The ED50 for this effect is typically 0.04-0.2 µg/mL. |
| <b>Molecular Mass</b>       | Recombinant Human CD86, Fc Chimera has a calculated MW of 52 kDa (monomer). In SDS-PAGE migrates as 75-100 kDa, reducing conditions.   |
| <b>Purity</b>               | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain.  |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).    |
| <b>Reconstitution</b>       | Reconstitute at 250 µg/mL in PBS containing at least 0.1% human or bovine serum  |

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albumin.

## GENE INFORMATION

**Gene Name** [CD86 CD86 molecule \[ Homo sapiens \]](#)

**Official Symbol** CD86

**Synonyms** CD86; CD86 molecule; CD28LG2, CD86 antigen (CD28 antigen ligand 2, B7 2 antigen); T-lymphocyte activation antigen CD86; B lymphocyte antigen B7 2; B7 2; B7.2; BU63; FUN-1; CTLA-4 counter-receptor B7.2; B-lymphocyte activation antigen B7-2; CD86 antigen (CD28 antigen ligand 2, B7-2 antigen); B70; B7-2; LAB72; CD28LG2; MGC34413;

**Gene ID** [942](#)

**mRNA Refseq** [NM\\_001206924](#)

**Protein Refseq** [NP\\_001193853](#)

**MIM** [601020](#)

**UniProt ID** P42081

**Chromosome Location** 3q21

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