

Active Recombinant Mouse CD80 Protein, Fc-His-tagged

Cat. No. Cd80-36M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse CD80 Protein(NP_033985.3)(Val38-Lys245) is expressed in HEK293, fused with a Fc, 6His tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	38-245 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Mouse CD80 at 500 ng/mL (100 µL/well) can bind Recombinant Human CTLA-4 with a linear range of 11-44 ng/mL.
Molecular Mass	50.47 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name	Cd80 CD80 antigen [<i>Mus musculus</i>]
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Official Symbol	Cd80
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Synonyms	CD80; CD80 antigen; T-lymphocyte activation antigen CD80; B7 protein; activation B7-1 antigen; B71; Ly53; TSA1; Cd28l; Ly-53; MIC17;
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Gene ID	12519
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mRNA Refseq	NM_009855
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Protein Refseq	NP_033985
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