

# Recombinant Rat Cd80 Protein, Fc-tagged, FITC conjugated

Cat. No. Cd80-1068RF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant rat Cd80 (AAB60503.1) (Met1-Gln248) was expressed with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	451
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	51 kDa
<b>N-terminal Sequence Analysis</b>	Ile 39
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm

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<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, 5%-8% trehalose and mannitol.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	Cd80 Cd80 molecule [ <a href="#">Rattus norvegicus</a> ]
<b>Official Symbol</b>	<a href="#">Cd80</a>
<b>Synonyms</b>	CD80; Cd80 molecule; T-lymphocyte activation antigen CD80; CD80 antigen; Cd80 a rat homolog of the human CD28/CTLA - 4 ligand (B7-1); B7-1;
<b>Gene ID</b>	<a href="#">25408</a>
<b>mRNA Refseq</b>	<a href="#">NM_012926</a>
<b>Protein Refseq</b>	<a href="#">NP_037058</a>

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