

# Recombinant Rat Cd40 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. Cd40-8727RAF488 Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 488 conjugated recombinant Rat Cd40 (Met1-Arg193), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	185
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant rat CD40 comprises 185 amino acids and predicts a molecular mass of 20.6 kDa. The apparent molecular mass of the recombinant protein is approximately 28 kDa in SDS-PAGE under reducing conditions 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 Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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<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 a 0.2 µm filtered solution of 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>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	Cd40 CD40 molecule, TNF receptor superfamily member 5 [ Rattus norvegicus ]
<b>Official Symbol</b>	Cd40
<b>Gene ID</b>	171369
<b>mRNA Refseq</b>	NM_134360
<b>Protein Refseq</b>	NP_599187

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