

Recombinant Rat Cd70 Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. Cd70-8731RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant Rat Cd70 (NP_001100348) (Gln46-Pro195), fused with a polyhistidine tag at the N-terminus, was produced in Human Cell.
Species	Rat
Source	HEK293
ProteinLength	170
Form	Lyophilized
Molecular Mass	The recombinant rat CD70 comprises 170 amino acids and has a predicted molecular mass of 18.9 kDa. The apparent molecular mass of the protein is approximately 28 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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Storage	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.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4
Reconstitution	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.
Conjugation	Alexa Fluor 555

GENE INFORMATION

Gene Name	Cd70 Cd70 molecule [Rattus norvegicus]
Official Symbol	Cd70
Gene ID	301132
mRNA Refseq	NM_001106878
Protein Refseq	NP_001100348

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