

Recombinant Rat Cd83 Protein, His-tagged

Cat. No. Cd83-702R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd83 Protein (Met22-Glu135) with His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met22-Glu135
Description	Predicted to act upstream of or within positive regulation of CD4-positive, alpha-beta T cell differentiation; regulation of cytokine production; and response to organic cyclic compound. Predicted to be located in external side of plasma membrane. Orthologous to human CD83 (CD83 molecule).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.3 kDa; Accurate Molecular Mass: \
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Cd83 CD83 molecule [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Cd83
Synonyms	CD83; CD83 molecule; CD83 antigen;
Gene ID	361226
mRNA Refseq	NM_001108410
Protein Refseq	NP_001101880
UniProt ID	B2GV95

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