

Recombinant Rat Cd5 Protein, His-tagged

Cat. No. Cd5-688R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd5 Protein (Ser25-Pro368) with His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ser25-Pro368
Description	Predicted to enable scavenger receptor activity. Predicted to be involved in T cell costimulation. Predicted to act upstream of or within apoptotic signaling pathway. Is spanning component of plasma membrane. Orthologous to human CD5 (CD5 molecule).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.7 kDa; Accurate Molecular Mass: 43 kDa
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.

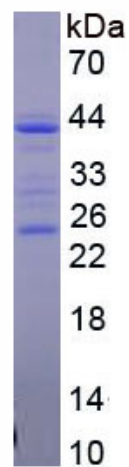
GENE INFORMATION

Gene Name	Cd5 Cd5 molecule [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Cd5
Synonyms	CD5; Cd5 molecule; T-cell surface glycoprotein CD5; CD5 antigen; Lymphocyte antigen CD5; MGC114334;
Gene ID	54236
mRNA Refseq	NM_019295
Protein Refseq	NP_062168
UniProt ID	P51882

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