Recombinant Rat Cd99 Protein, His&GST-tagged

Cat. No. Cd99-710R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd99 Protein (Leu21-Gly127) with His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Leu21-Gly127
Description	Predicted to be involved in T cell extravasation; homotypic cell-cell adhesion; and positive regulation of neutrophil extravasation. Predicted to act upstream of or within myeloid dendritic cell activation. Predicted to be located in cell surface. Predicted to be integral component of plasma membrane. Orthologous to human CD99 (CD99 molecule (Xg blood group)).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.8 kDa; Accurate Molecular Mass: 38 kDa
Purity	> 97%
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

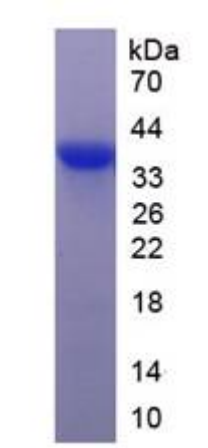
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	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot 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	Cd99 CD99 antigen [Rattus norvegicus (Norway rat)]
Official Symbol	Cd99
Synonyms	CD99; CD99 antigen;
Gene ID	652929
mRNA Refseq	NM_001100804
Protein Refseq	NP_001094274
UniProt ID	Q4L2A2

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