

Recombinant Rat Cd2 protein, His-tagged

Cat. No. Cd2-7141R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd2 aa. (Thr27~Leu203 (Accession # P08921)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Thr27~Leu203
Description	Cell surface antigen involved in T lymphocyte activation and proliferation; interacts with CD5.
Form	Freeze-dried powder
Molecular Mass	23kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

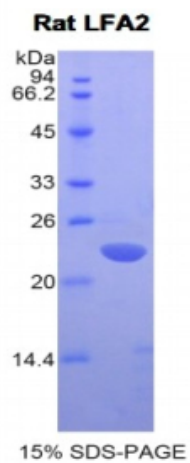
Gene Name	Cd2 Cd2 molecule [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Cd2
Synonyms	Cd2; Cd2 molecule; CD2R; LFA2; OX34; LFA-2; OX-34; T-cell surface antigen CD2; CD2 antigen; LFA-3 receptor; OX-34 antigen; OX-45 surface antigen homolog to human T lymphocyte CD2 antigen; T-cell surface antigen T11/Leu-5
Gene ID	497761
mRNA Refseq	NM_012830.1
Protein Refseq	NP_036962.1
UniProt ID	P08921

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SDS-PAGE



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