

Recombinant Rat Cd6 protein, His & T7-tagged

Cat. No. Cd6-5666R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd6 aa. (Ser477~Pro644 (Accession # Q812A4)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser477~Pro644
Description	Cell surface molecule found on T lymphocytes that may regulate CD5 tyrosine phosphorylation; associates with CD5, Lck, Fyn, ZAP-70 and Itk.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C 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.

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% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Cd6 Cd6 molecule [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cd6

Synonyms

Cd6; Cd6 molecule; OX52; T-cell differentiation antigen CD6; CD6 antigen, Tp120

Gene ID

25752

mRNA Refseq

NM_175577.3

Protein Refseq

NP_783167.2

UniProt ID

Q812A4