

Recombinant Rat Cd3d protein, His-tagged

Cat. No. Cd3d-1906R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd3d aa. (Phe22~Gly106) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Phe22~Gly106
Description	Putative component of the CD3 T-cell receptor.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 10.9kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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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% trehalose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

Cd3d CD3d molecule [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cd3d

Synonyms

Serpinb1a; serpin family B member 1A; Serpinb1; leukocyte elastase inhibitor A; serine (or cysteine) proteinase inhibitor, clade B, member 1a; serine protease inhibitor EIA; serpin B1a

Gene ID

25710

mRNA Refseq

NM_013169.1

Protein Refseq

NP_037301.1

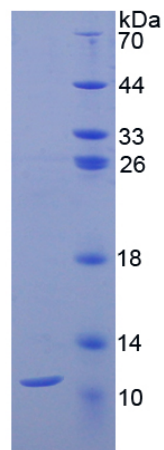
UniProt ID

P19377

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15% SDS-PAGE

SDS-PAGE

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