

Recombinant Mouse Cd4 protein, His-tagged

Cat. No. Cd4-1560M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd4 aa. (Lys27~Thr394) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Lys27~Thr394
Form	Freeze-dried powder
Molecular Mass	30&44kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 7.6.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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°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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

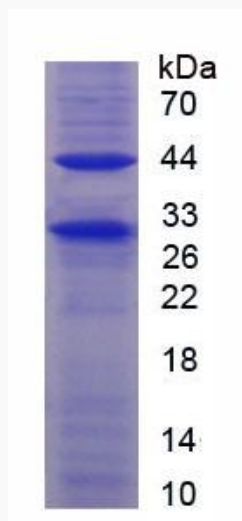
Gene Name	Cd4 CD4 antigen [<i>Mus musculus</i> (house mouse)]
Official Symbol	Cd4
Synonyms	L3T4; Ly-4; T-cell differentiation antigen L3T4; T-cell surface antigen T4/Leu-3; T-cell surface glycoprotein CD4 precursor (T-cell surface antigen T4/Leu-3) (T-cell differentiation antigen L3T4); T-cell surface glycoprotein CD4
Gene ID	12504
mRNA Refseq	NM_013488.2
Protein Refseq	NP_038516.1
UniProt ID	P06332

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SDS-PAGE



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