

Recombinant Mouse Ctla4 protein, His & T7-tagged

Cat. No. Ctla4-5839M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ctla4 aa. (Val45~Ser185 (Accession # P09793)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val45~Ser185
Description	This gene is a member of the immunoglobulin superfamily, and encodes a protein that functions as a negative regulator of T-cell responses. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP.

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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.
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

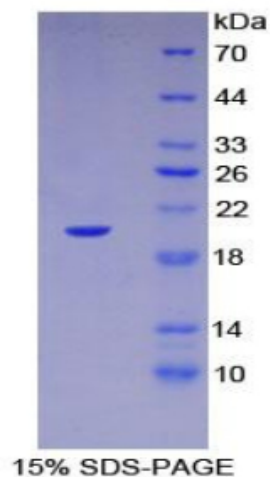
Gene Name	Ctla4 cytotoxic T-lymphocyte-associated protein 4 [Mus musculus (house mouse)]
Official Symbol	Ctla4
Synonyms	Cd152; Ly-56; Ctla-4; CD152 antigen; cytotoxic T-lymphocyte-associated antigen 4; cytotoxic T-lymphocyte protein 4
Gene ID	12477
mRNA Refseq	NM_001281976.1
Protein Refseq	NP_001268905.1
UniProt ID	P09793

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SDS-PAGE



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