

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.

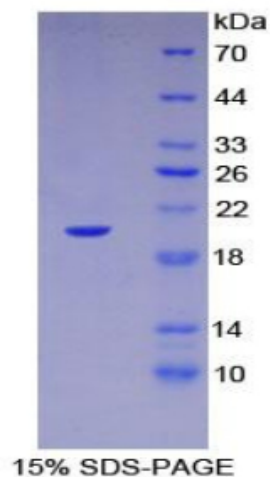
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA