

## Recombinant Rat Ctla4 Protein, His-tagged

Cat. No. Ctla4-1144R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant rat Ctla4 (NP_113862.1) (Met1-Asp161) was expressed with a polyhistidine tag at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-161 a.a.
<b>Predicted N Terminal</b>	Glu 36
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	The recombinant rat Ctla4 consists 137 amino acids and predicts a molecular mass of 15.2 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Ctla4 cytotoxic T-lymphocyte-associated protein 4 \[ Rattus norvegicus \]](#)

**Official Symbol** [Ctla4](#)

**Synonyms** CTLA4; cytotoxic T-lymphocyte-associated protein 4; cytotoxic T-lymphocyte protein 4; soluble form; CD152 antigen; transmembrane form; Cd152; CTLA-4; sCTLA4;

**Gene ID** [63835](#)

**mRNA Refseq** [NM\\_031674](#)

**Protein Refseq** [NP\\_113862](#)

**MIM**

**UniProt ID**

**Pathway** Adaptive Immune System, organism-specific biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; CTLA4 inhibitory signaling, organism-specific biosystem; Cell adhesion molecules (CAMs), organis

**Function** protein binding; receptor activity;

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