

Recombinant Rat Ctla4 Protein, His-tagged

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

SPECIFICATION

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