

Recombinant Mouse Ctla4 protein, His-tagged, Biotinylated

Cat. No. Ctla4-3307MB Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ctla4 protein extracellular domain (NP_033973.2) (Met1-Phe162), fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
Species	Mouse
Source	HEK293
ProteinLength	1-162 a.a.
Predicted N Terminal	Glu 36
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant mouse CTLA4 consists of 138 amino acids and has a predicted molecular mass of 15.3 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
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Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
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Conjugation	Biotin
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GENE INFORMATION

Gene Name	Ctla4 cytotoxic T-lymphocyte-associated protein 4 [<i>Mus musculus</i>]
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Official Symbol	Ctla4
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Synonyms	CTLA4; cytotoxic T-lymphocyte-associated protein 4; cytotoxic T-lymphocyte protein 4; CD152 antigen; cytotoxic T-lymphocyte-associated antigen 4; Cd152; Ly-56; Ctla-4;
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Gene ID	12477
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mRNA Refseq	NM_009843
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Protein Refseq	NP_033973
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