

Recombinant Mouse CTLA4 Protein

Cat. No. CTLA4-653M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CTLA4 protein without tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	223
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	Lyophilized
Molecular Mass	15.9 kDa
AA Sequence	MACLG LRRYKAQLQLPSRTWPFVALLTLLFIPVFSEAIQVTQPSVVLASSHGVASFPC EYSPSHNTDEV RVTVLRQTNDQMTEVCATTFTEKNTVGFLDYPFCSGTFNESRVNL TIQGLRAVD TGLYLCKVELMYPPPYFVGMNGTQIYVIDPEPCPDSDFLWILVAVSL GLFFYSFLVSAVSLSKMLKKRSPLTTGVYVKMPPTPECEKQFQPYFIPIN
Purity	> 98%
Applications	WB; ELISA; FACS; FC

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Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	Ctla4 cytotoxic T-lymphocyte-associated protein 4 [Mus musculus (house mouse)]
Official Symbol	CTLA4
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;
Gene ID	12477
mRNA Refseq	NM_009843
Protein Refseq	NP_033973

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UniProt ID

P09793

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