

Active GMP Recombinant Human CTLA4 protein

Cat. No. CTLA4-135HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CTLA4 protein(NP_005205.2)(125 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human CTLA-4(NP_005205.2) was expressed with His tag at the C-terminal.
Bio-activity	The linear range of immobilized Human B7-2 protein at 5µg/mL(100 uL/well) that can bind to CTLA-4 protein is 0.5-10ng/mL. The linear range of immobilized B7-1 protein at 5µg/mL(100 uL/well) that can bind to CTLA-4 protein is 0.1-8ng/mL.
Molecular Mass	Recombinant Human CTLA-4 protein contains 125 aa. It has a predicted MW of 15.3 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 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 [Homo sapiens]
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Official Symbol	CTLA4
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Synonyms	CTLA4; CD152
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Gene ID	1493
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mRNA Refseq	NM_001037631
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Protein Refseq	NP_001032720
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MIM	123890
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UniProt ID	P16410
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