

Active Recombinant Human CTLA4 Protein (Met1-Asp161)

Cat. No. CTLA4-500H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTLA4 Protein (NP_005205.2) (Met1-Asp161) was produced by HEK293 Cells expression system.
Species	Human
Source	HEK293
ProteinLength	Met1-Asp161
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized CTLA-4 Protein, Human, Recombinant at 2 µg/mL (100 µL/well) can bind B7-1 Protein, Human, Recombinant (His & hFc Tag), Biotinylated, the EC50 of B7-1 is 6-27 ng/mL.
Molecular Mass	The recombinant human CTLA4 consists of 126 amino acids and predicts a molecular mass of 13.5 kDa.
Endotoxin	< 1.0 EU per µg of the 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.

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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]

Official Symbol CTLA4

Synonyms

CTLA4; cytotoxic T-lymphocyte-associated protein 4; celiac disease 3 , CELIAC3; cytotoxic T-lymphocyte protein 4; CD; CD28; CD152; GSE; ICOS; CD152 isoform; celiac disease 3; cytotoxic T-lymphocyte antigen 4; cytotoxic T-lymphocyte-associated antigen 4; cytotoxic T-lymphocyte-associated serine esterase-4; cytotoxic T lymphocyte associated antigen 4 short spliced form; ligand and transmembrane spliced cytotoxic T lymphocyte associated antigen 4; GRD4; CTLA-4; IDDM12; CELIAC3;

Gene ID 1493

mRNA Refseq NM_001037631

Protein Refseq NP_001032720

UniProt ID P16410

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