

# Recombinant Human CTLA4 protein(Met1-Phe162), rFc-tagged

Cat. No. CTLA4-3229H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human CTLA4 (NP_005205.2) (Met1-Phe162) was expressed in HEK293 with the Fc region of Rabbit IgG at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Phe162
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human CTLA4 consists of 358 amino acids and predicts a molecular mass of 39.7 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE.
<b>Storage</b>	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.
<b>Reconstitution</b>	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.

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## GENE INFORMATION

<b>Gene Name</b>	CTLA4 cytotoxic T-lymphocyte-associated protein 4 [ Homo sapiens ]
<b>Official Symbol</b>	CTLA4
<b>Synonyms</b>	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;
<b>Gene ID</b>	1493
<b>mRNA Refseq</b>	NM_001037631
<b>Protein Refseq</b>	NP_001032720
<b>UniProt ID</b>	P16410

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