

Recombinant Human CTLA4 Protein (37-162), C-His-tagged

Product Information

Cat	IMP-8008
Official Symbol	CTLA4
Product Overview	Human CTLA4 (NP_005205.2, 37 a.a.-162 a.a.) partial recombinant protein with His tag at C-terminus was expressed in HEK293 cells.
Description	<i>This gene is a member of the immunoglobulin superfamily and encodes a protein which transmits an inhibitory signal to T cells. The protein contains a V domain, a transmembrane domain, and a cytoplasmic tail. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The membrane-bound isoform functions as a homodimer interconnected by a disulfide bond, while the soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-associated orbitopathy, and other autoimmune diseases.</i>
Expression System	HEK293
Species	Human
Tag	C-His
Form	Lyophilized from PBS, pH 7.4.
Molecular Mass	25 kDa
Protein length	37-162
Endotoxin	< 1 EU/ μ g
Purity	> 90% by SDS-PAGE
Applications	Immunogen; SDS-PAGE
Storage	Store the lyophilized protein at -20 to -80 centigrade for long term. After reconstitution to a concentration of 0.1-0.5 mg/mL in sterile distilled water, the protein solution is stable at -20 centigrade for 3 months, at 2-8 centigrade for up to 1 week. Aliquot to avoid repeated freezing and thawing.

SDS-PAGE



SDS-PAGE Stained with Coomassie Blue, CTLA4 (Human) Recombinant Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25 kDa.

Bioactivity-ELISA 1

