

# Human CTLA4 Recombinant Protein



RPPB0149

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## Product Information    Protein Information

**Product SKU:**

RPPB0149

**Accession:**

P16410

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

CTLA4 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 135 amino acids (36-161a.a.) and having a molecular mass of 14.6kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). CTLA4 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Cytotoxic T-Lymphocyte Associated Protein 4, Cytotoxic T-Lymphocyte-Associated Protein 4, Insulin-Dependent Diabetes Mellitus 12, Celiac Disease 3, CTLA-4, CD152, Ligand And Transmembrane Spliced Cytotoxic T Lymphocyte Associated Antigen 4, Cytotoxic T Lymphocyte Associated Antigen 4 Short Spliced Form, Cytotoxic T-Lymphocyte-Associated Serine Esterase-4, Cytotoxic T-Lymphocyte-Associated Antigen 4, CD152 Isoform, CD152 Antigen, CELIAC3, IDDM12, ALPS5, GRD4, GSE, CD, Cytotoxic T-lymphocyte protein 4, CTLA4.

**Formulation:**

CTLA4 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 20% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

ADLKAMHVAQ PAVVLASSRG IASFVCEYAS PGKATEVRVT VLRQADSQVT EVCAATYMMG NELTFLDDSI CTGTSSGNQV NLTIQGLRAM DTGLYICKVE LMYPPPYLIG INGTQIYVI DPEPCPDSDH HHHHH.

**Biological Activity:**

Determined by IL-2 ELISA via Jurkat human acute T cell leukemia cells. The ED50 range  $\leq$  150 ng/ml with Human B7-1/CD80.