

Cytotoxic T-Lymphocyte Associated Antigen-4 Human Recombinant,

Item Number rAP-0405

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

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

Uniprot Accesion Number P16410

Amino Acid Sequence ADLKAMHVAQ
PAVVLASSRG IASFVCEYAS PGKATEVRVT VLRQADSQVT EVCAATYMMG NELTFLDDSI
CTGTSSGNQV
NLTIQGLRAM DTGLYICKVE LMYPPPYYLG IGNGTQIYVI DPEPCPDSDH HHHHH.

Source Sf9,
Baculovirus cells.

Physical Appearance and Stability Sterile filtered colorless solution. 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.

Formulation and Purity CTLA4 protein solution (0.25mg/ml) contains Phosphate
Buffered Saline (pH 7.4) and 20% glycerol. Greater than 90% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**