

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 Accession Number	P16410
Amino Acid Sequence	ADLKAMHVAQ PAVVLAASSRG IASFVCEYAS PGKATEVRVT VLRQADSQVT EVCAATYMMG NELTFLDDSI CTGTSSGNQV NLTIQGLRAM DTGLYICKVE LMYPPTYLG IGNGTQIYVI DPEPCPDS DH 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**