

**CTLA4, 36-161aa, Human, hlgG-His tag, Baculovirus**

**Cat.NO.: TP01769**

3th Edition

**Synonyms:**Cytotoxic T-lymphocyte protein 4 isoform CTLA4-TM, CTLA4, ALPS5, CD, CD152, CELIAC3, CTLA-4, GRD4, GSE, IDDM12

**Description:**CTLA4, also known as cytotoxic T-lymphocyte protein 4 isoform CTLA4-TM, is a type I transmembrane T cell inhibitory molecule that is a member of the Ig superfamily. The affinity of CTLA4 for its natural B7 family ligands, CD80 and CD86, is considerably stronger than the affinity of their cognate stimulatory coreceptor CD28. Recombinant human CTLA4, fused to hlgG His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**40.8kDa (368aa); 40-57KDa (SDS-PAGE under reducing conditions)

**Sequences:**

ADLKAMHVAQPAVVLAASSRGIA SFVCEYASPGKATEVRVTVL RQADSQVTEVCAATYMMGNELTFLDDSICTGTSS  
GNQVNLTIQGLRAMDTGLYICKVELMYPPPYL GIGNGTQIYVIDPEPCPDSLEPKSCDKTHTCPPCPAPPELLGGP  
SVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDW  
LNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPEN  
NYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNV FSCSV MHEALHNHYTQKSLSLSPGKHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.