

## 32-8376: Recombinant Cavia porcellus CTLA-4 (C-6His)

**Gene :** CTLA4  
**Gene ID :** 100725760  
**Uniprot ID :** H0VUB1

### Description

Source: P.Pichia.  
MW :14.1kD.

Recombinant Cavia porcellus Cytotoxic T-lymphocyte protein 4 is produced by our Yeast expression system and the target gene encoding Ala37-Asp161 is expressed with a 6His tag at the C-terminus. Cytotoxic Tlymphocyte 4(CTLA-4,CD152), is a type I transmembrane T cell inhibitory molecule that is a member of the Ig superfamily.CD28 and CTLA-4, together with their ligands, B7-1 and B7-2, constitute one of the dominant costimulatory pathways that regulate T and B cell responses. CD28 and CTLA-4 are structurally homologous molecules that are members of the immunoglobulin (Ig) gene superfamily. CTLA4 transmits an inhibitory signal to T cells, whereas CD28 transmits a stimulatory signal. Intracellular CTLA4 is also found in regulatory T Cells and may play an important role in their functions. Tcell activation through the Tcell receptor and CD28 leads to increased expression of CTLA4.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of PBS, pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** AMHVAQPAVVLASSRGVASFECEYASSHNANEVRVTVLQQVASRTTEICAATYTVRELAFPEDSACAGTSSG  
TRVNLTIQGLRAADTGLYICKVELMYPPPYFVG TGNGTQIYVIDPEPCPDS DHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.