

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 T lymphocyte 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. T cell activation through the T cell 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 : AMHVAQPAVVLASSRGVASFECEYASSHNANEVRVTVLQQVASRTTEICAATYTVRELAFPEDSA
CAGTSSGTRVNLTIQGLRAADTGLYICKVELMYPPPYFVGTGNGTQIYVIDPEPCPDSDHHHHHH

Application Note

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