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Ctla4, 38-161aa, Mouse, hlgG-His tag, Baculovirus

产品货号: TP01771

第三版

别名:Cytotoxic T-lymphocyte protein 4 isoform 1, CTLA4, Cd152, Ctla-4, Ly-56

描述:CTLA4, also known as cytotoxic T-lymphocyte protein 4 isoform 1, is a type 1 membrane protein and a member of the immunoglobulin-superfamily. Besides, this protein contains an extra cellular domain, a transmembrane domain and a cytoplasmic tail. It is generally expressed with highest levels in lymphoid tissues. Also, it is similar to T-cell costimulatory protein CD28 since both of the molecules bind to CD80 and CD86 on antigen-presenting cells. CTLA4 and CD28 effectively regulate to T cell responses as opposing signals transmitted through two related cell-surface receptors. Recombinant mouse CTLA4, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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

分子量:40.6kDa (363aa), 40-57KDa (SDS-PAGE under reducing conditions.)

序列:

IQVTQPSVVLASSHGVASFPCEYSPSHNTDEVVRVTVLRQTNDQMTEVCATTFTEKNTVGFLDYPFCSGTFNESRVNLTIQG
LRAVDTGLYLCKVELMYPYFVGMGNGTQIYVIDPEPCPDSLEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMI
SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPA
PIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVD
KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH

纯度:> 95% by HPLC

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

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.