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CTLA4, 36-161aa Human, His tag, E.coli

产品货号: TP01768

第三版

别名:Cytotoxic T-lymphocyte protein 4 isoform CTLA4-TM precursor , CD, CD152, CELIAC3, GRD4, GSE, ICOS, IDDM12

描述:CTLA4 is a member of the immunoglobulin superfamily and transmits an inhibitory signal to T cells. The protein contains a V domain, a transmembrane domain, and a cytoplasmic tail. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The membrane-bound isoform functions as a homodimer interconnected by a disulfide bond, while the soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-associated orbitopathy, and other autoimmune diseases. Recombinant human CTLA4 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量:15.9 kDa (149aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSKAMHVAQPAVV LASSRGIASFVCEYASPGKATEVRVTVLRQADSQVTEVCAATY
MMGNELTFLDDSICTGTSSGNQVNLTIQGLRAMDTGLYICKVELMYPPPPYYLGIGNGTQIYVIDPEPCPDS

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

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.