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CD80, 37-246aa, Mouse, His tag, Baculovirus

产品货号: TP01536

第三版

别名:T-lymphocyte activation antigen CD80, Cd80, Cd28I, Ly-53, Ly53, MIC17, TSA1

描述: Cd80, also known as T-lymphocyte activation antigen CD80, is a member of cell surface immunoglobulin superfamily and is expressed on the surface of antigen-presenting cells including activated B cells, macrophages and dendritic cells. It is the ligand for two different proteins on the T cell surface: Cd28 (for autoregulation and intercellular association) and Ctl4 (for attenuation of regulation and cellular disassociation). This protein also plays a role in induction of innate immune responses by activating NF-KB-signaling pathway in macrophages. It is thus regarded as promising therapeutic targets for autoimmune diseases and various carcinomas. Recombinant mouse Cd80, fused to 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: 24.7kDa (216aa); 28-40kDa (SDS-PAGE under non-reducing conditions)

序列:

DVDEQLSKSVKDKVLLPCRYNSPHEDESEDRIYWQKHDKVVLSVIAGKLVWPEYKNRTLYDNNTTYSLIILGLVLSDRGTY
SCVVQKKERGTYEVKHLALVKLSIKADFSTPNITESGNPSADTKRITCFASGGFPKPRFSWLENGRELPGINTTISQDPESELY
TISSQLDFNTTRNHTIKCLIKYGDAHVSEDFTWEKPPEDPPDSKNHHHHHH

纯度: > 95% by HPLC

浓度: 0.25mg/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.