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CD3G, 23-116aa, Human, His tag, E.coli

产品货号: TP01510

第三版

别名: CD3g molecule, gamma (CD3-TCR complex), CD3-GAMMA, T3G

描述: The protein encoded by this gene is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Defects in this gene are associated with T cell immunodeficiency. Recombinant human CD3G 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: 13.1 kDa (117aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSQSIKGNHLVKVYDYQEDGSVLLTCDAEAKNITWFKDGMIGFLTEDKKKWNLGS
NAKDPRGMYQCKGSQNKSKPLQVYYRMCQNCIELNAATIS

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.