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CD247, 52-164aa, Human, His tag, E.coli

产品货号: TP01495

第三版

别名:T-cell surface glycoprotein CD3 zeta chain, CD3-ZETA, CD3H, CD3Q, CD3Z, T3Z, TCRZ

描述:T-cell surface glycoprotein CD3 zeta chain, also known as CD247, belongs to the CD3Z/FCER1G family. CD247 is T-cell receptor zeta, which together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma, -delta and -epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response. Recombinant human CD247 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量:15.4kDa (136aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSRVKFSRSADAPAYQQGQNQLYNELNLRREEYDVLDKRRGRDPEMGGKPQRRKN
PQEGLYNELQKDKMAEAYSEIGMKGERRRGKGDGLYQGLSTATKDTYDALHMQALPPR

纯度:> 95% by HPLC

浓度:0.5 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.