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Recombinant Human T-Cell Surface Glycoprotein CD3 epsilon Chain Protein

产品货号: TP05451

第三版

别名:T-Cell Surface Glycoprotein CD3 Epsilon Chain; T-Cell Surface Antigen T3/Leu-4 Epsilon Chain; CD3e; CD3E; T3E

描述:T-Cell Surface Glycoprotein CD3 Chain (CD3) is a single-pass type I membrane protein. CD3 contains 1 Ig-like (immunoglobulin-like) domain and 1 ITAM domain. CD3 is a polypeptide encoded by the CD3E gene on chromosome 11 in humans. The T cell receptor-CD3 complex (TCR/CD3 complex) is involved in T-cell development and several intracellular signal-transduction pathways. This complex is critical for T-cell development and function, and represents one of the most complex transmembrane receptors. The T cell receptor-CD3 complex is unique in having ten cytoplasmic immunoreceptor tyrosine-based activation motifs (ITAMs). TCR/CD3 complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways.

配方:PBS

分子量:12.8 kDa

序列:Asp23-Asp126

纯度:> 95% by HPLC

浓度:

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.