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32-9389: Recombinant Cynomolgus CD3d /CD3 delta Protein (C-Fc)

Alternative Name : T-cell surface glycoprotein CD3 delta chain; T-cell receptor T3 delta chain; CD3d; CD3D

Description

Source : Human Cells;
T-cell surface glycoprotein CD3 delta chain (CD3D) is a single-pass type I membrane protein. CD3D, together with CD3-gamma, CD3-epsilon and CD3-zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T cell receptor-CD3 complex. CD3 chains are present as CD3gammaepsilon, deltaepsilon, and zetazeta dimers in the receptor complex and play critical roles in the antigen receptor assembly, transport to the cell surface, and the receptor-mediated signal transduction. T cell receptor-CD3 complex plays an important role in coupling antigen recognition to 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). CD3D contains 1 ITAM domain and has been shown to interact with CD8A.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.

Amino Acid : Recombinant Cynomolgus T-cell surface glycoprotein CD3 delta chain is produced by our Mammalian expression system and the target gene encoding Phe22-Ala105 is expressed with a Fc tag at the C-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.