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32-9284: Recombinant Human T-Cell Surface Glycoprotein CD3 Delta/CD3D(C-6His)(Discontinued)

Alternative Name : T-Cell Surface Glycoprotein CD3 Delta Chain; T-Cell Receptor T3 Delta Chain; CD3d; CD3D; T3D

Description

Source : Human Cells;
CD3D is a single-pass type I membrane protein which Contains 1 ITAM domain. 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). Defects in CD3D are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (T-B+NK+ SCID), which is a genetically and clinically heterogeneous group of rare congenital disorders characterized by impairment of both humoral and cell-mediated immunity, leukopenia, and low or absent antibody levels.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Amino Acid : Recombinant Human T-Cell Surface Glycoprotein CD3 Delta/CD3D is produced by our Mammalian expression system and the target gene encoding Phe22-Ala105 is expressed with a 6His tag at the C-terminus.