

Note: Centrifuge before opening to ensure complete recovery of vial contents.

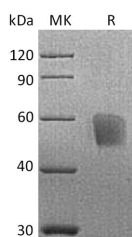
Description

Synonyms	T-cell surface glycoprotein CD3 delta chain;T-cell receptor T3 delta chain;CD3d;CD3D
Species	Cynomolgus macaques
Expression Host	HEK293 Cells
Sequence	Phe22-Ala105
Accession	Q95LI8
Calculated Molecular Weight	36.7 kDa
Observed molecular weight	50-65 kDa
Tag	C-Fc

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

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 zeta-zeta 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

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Recombinant Cynomolgus CD3d/CD3 delta Protein (Fc Tag)

Catalog Number:PKSQ050020



cytoplasmic immunoreceptor tyrosine-based activation motifs(ITAMs). CD3D contains 1 ITAM domain and has been shown to interact with CD8A.

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