

Recombinant Cynomolgus CD3D&CD3E Heterodimer (C-Fc-Flag&C-Fc-6His)

Catalog Number: PKSQ050124

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

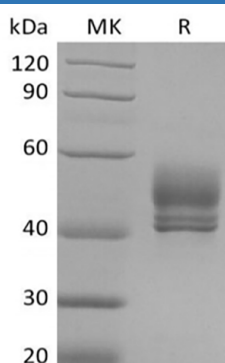
Description

Species	Cynomolgus macaques
Source	HEK293 Cells-derived Cynomolgus macaques CD3D&CD3E protein Phe22-Ala105&Gln22-Asp117, with an C-terminal Fc & Flag & C-terminal Fc & His
Calculated MW	37&38.3 kDa
Observed MW	40-60 kDa
Accession	Q95LI8&Q95LI5
Bio-activity	Not validated for activity

Properties

Purity	> 95 % 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% Tween 80 are added as protectants before lyophilization.
Reconstitution	Please refer to the specific buffer information in the printed manual. Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

T-cell surface glycoprotein CD3D & CD3E, also known as CD3 delta & CD3 epsilon chain, are single-pass type I membrane proteins. CD3D, together with CD3- epsilon(CD3E), CD3-gamma and CD3-zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T cell receptor-CD3 complex. T cell receptor-CD3 complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways.