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CD3E/CD3 epsilon 1-27
Catalog # PVGS1848

Specification

CD3E/CD3 epsilon 1-27 - Product Information

Primary Accession Q95LI5.2

Species
Cynomolgus

Sequence
Asp22-Thr48

Purity
> 95% as determined by Bis-Tris PAGE
 > 95% as determined by HPLC

Endotoxin Level
Less than 1EU per μg by the LAL method.

Biological Activity
Measured by its binding ability in a functional ELISA. Immobilized CD3E/CD3 epsilon 1-27 hFc Chimera, Avi, Cynomolgus at 2 μg/ml (100 μl/well) on the plate can bind Biotinylated Anti-CD3 Antibody, hFc Tag. Test result was comparable to standard batch.

Expression System
HEK293

Theoretical Molecular Weight
31.3 kDa

Formulation **Lyophilized from a 0.22 μm filtered solution in PBS□(pH 7.4).**

Reconstitution
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Storage & Stability
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

CD3E/CD3 epsilon 1-27 - Additional Information

Target Background
CD3E, is a single-pass type I membrane protein.CD3 (cluster of differentiation 3) T cell co-receptor helps to activate both the cytotoxic T cell (CD8 naive T cells) and also T helper cells (CD4 naive T cells). It consists of a protein complex and is composed of four distinct chains. In mammals, the complex contains a CD3γ chain, a CD3δ chain, and two CD3ε chains.

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CD3E/CD3 epsilon 1-27 - Protein Information

CD3E/CD3 epsilon 1-27 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD3E/CD3 epsilon 1-27 - Images