

CD3E/CD3 epsilon
Catalog # PVGS1866**Specification**

CD3E/CD3 epsilon - Product Information

Primary Accession [O95LI5-1](#)
Species
Cynomolgus

Sequence
Gln22-Asp117

Purity
> 95% as determined by Bis-Tris PAGE

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 hFc Chimera, Cynomolgus at 2 µg/ml (100 µl/well) on the plate can bind Biotinylated Anti-CD3E Antibody, hFc Tag. Test result was comparable to standard batch.

Expression System
HEK293

Theoretical Molecular Weight
36.9 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 - 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.

CD3E/CD3 epsilon - Protein Information

CD3E/CD3 epsilon - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD3E/CD3 epsilon - Images