

CD3E/CD3 epsilon 1-27

Catalog # PVGS1882

Product Information

Primary Accession Species	Q95LI5.2 Cynomolgus
Sequence	Asp22-Thr48
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per μ g by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Anti-CD3 Antibody, hFc Tag at 1 μ g/ml (100 μ l/well) on the plate can bind CD3E/CD3 epsilon 1-27 hFc Chimera [Biotin], Avi, Cynomolgus. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	31.3 kDa
Formulation Reconstitution	Lyophilized from a 0.22 μ m filtered solution in PBS , (pH 7.4). Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/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.

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 CD3 γ chain, a CD3 δ chain, and two CD3 ϵ chains.
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Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.