

CD3E/CD3 epsilon

Catalog # PVGS1866

Product Information

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| Primary Accession Species | Q95LI5-1 Cynomolgus |
| Sequence | Gln22-Asp117 |
| Purity | > 95% as determined by Bis-Tris PAGE |
| Endotoxin Level | Less than 1EU per μ g by the LAL method. |
| Biological Activity | Measured by its binding ability in a functional ELISA. Immobilized CD3E/CD3 epsilon hFc Chimera, Cynomolgus at 2 μ g/ml (100 μ l/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 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

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| 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'.