

CD3 delta&CD3 epsilon

Catalog # PVGS1698

Product Information

| | |
|---------------------------------------|---|
| Primary Accession Species | P07766 for CD3E , P04234 for CD3D Human |
| Sequence | Asp23-Asp126 (CD3E) & Phe22-Ala105 (CD3D) |
| 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 | Immobilized CD3E&CD3D, His, Human (Cat.No.: Z03816) at 2 μ g/ml can bind Anti-CD3 Antibody (OKT3). |
| Expression System | HEK293 |
| Theoretical Molecular Weight | 17.9 kDa for CD3E; 16.7 kDa for CD3D |
| Formulation Reconstitution | Lyophilized from 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 lyophilized product remains stable up to 6 months at -20 °C or below as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

Additional Information

| | |
|--------------------------|--|
| Target Background | The T-cell surface glycoproteins CD3E and CD3D, also called CD3 epsilon and CD3 delta chain, are single-pass type I membrane proteins. When antigen presenting cells (APCs) activate the T-cell receptor (TCR), TCR signals are transmitted by the CD3 chains CD3D, CD3E, CD3G, and CD3Z. All CD3 chains have immunoreceptor tyrosine-based activation motifs (ITAMs) in their cytoplasmic domain. |
|--------------------------|--|

Protein Information

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