

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.
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Protein Information

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