Human CD3E&CD3D/CD3 epsilon&CD3 delta Protein

Catalog # CD3ED-HP002 Form: Lyophilized

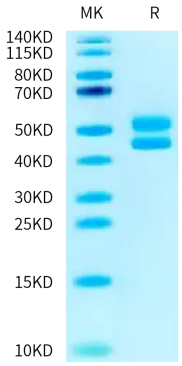
Product Details

Product description	Recombinant Human CD3E&CD3D/CD3 epsilon&CD3 delta Protein is expressed in HEK293 cells with an hFc (IgG1) at the C-terminus of CD3E and CD3D. It contains amino acid residues Asp23-Asp126(CD3E) and Phe22-Ala105(CD3D) (accession: P07766(CD3E) & P04234(CD3D)).
Molecular aliases	CD3; CD3e; CD3E; CD3d; T3D; CD3D; CD3E&CD3D; CD3 delta&CD3 epsilon
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 37.8 kDa (CD3E) and 35.4 kDa (CD3D). Due to glycosylation, the protein migrates to 48-58 kDa (CD3E) and 42-48 kDa (CD3D) based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months 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.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human CD3E&CD3D on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.