Human CD3E/CD3 epsilon Protein

Catalog # CD3E-HP002 Form: Lyophilized

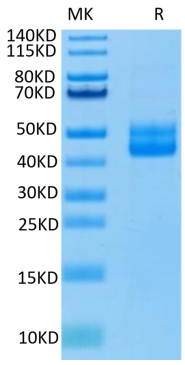
Product Details

Product description	Recombinant Human CD3E/CD3 epsilon Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus. It contains amino acid residues Asp23-Asp126 (C119S, C122S) (UniProt accession: P07766).
Molecular aliases	CD3e; CD3E; T3E; FLJ18683; TCRE; CD3-epsilon; IMD18
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 36.1 kDa. Due to glycosylation, the protein migrates to 35-55 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm 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 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.