Biotinylated Human CD3E&CD3G/CD3 epsilon&CD3 gamma Protein

Catalog # CD3EG-HB001 Form: Lyophilized

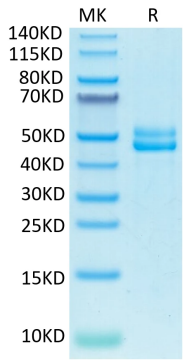
Product Details

Product description	Recombinant Biotinylated Human CD3E&CD3G/CD3 epsilon&CD3 gamma Protein is expressed in HEK293 cells with an hFc (IgG1) tag and Avi tag at the C-terminus of CD3E and hFc (IgG1) tag at the C-terminus of CD3G. It contains amino acid residues Asp23-Asp126(CD3E) and Gln23-Ser116(CD3G) (accession: P07766(CD3E) & P09693(CD3G)).
Molecular aliases	CD3; CD3 epsilon; CD3epsilon; CD3ε; CD3 ε; CD3E; CD3e; CD3 gamma; CD3gamma; CD3γ; CD3 γ; CD3G; CD3g; CD3epsilon&CD3gamma; CD3 epsilon&CD3 gamma; CD3 epsilon & CD3 gamma; CD3ε&CD3γ; CD3 ε&CD3 γ; CD3 ε & CD3 γ; CD3E&CD3G; CD3E & CD3G; CD3 E & CD3 G; CD3e&CD3g; CD3e & CD3g; CD3 e & CD3 g
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 40 kDa (CD3E) and 36.5 kDa (CD3G). Due to glycosylation, the protein migrates to 48-55 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% 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

Biotinylated CD3E&CD3G on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.