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

Catalog # CD3E-HB004

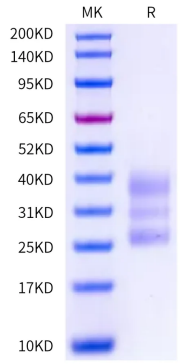
Product Details

Product description	Recombinant Human CD3E&CD3G Protein is expressed as a heterodimer of CD3E and CD3G by co-expression in HEK293. Subunit CD3E cotains no tag and subunit CD3G is fused with a His tag and an Avi tag at the C-terminus. It contains amino acid residues Gln22-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; CD3 e; CD3 g; CD3 e&CD3 g
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 17.92 kDa (CD3E) and 19.67 kDa (CD3G). Due to glycosylation, the protein migrates to 25-40 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

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