

# Biotinylated Recombinant Human CD3E&CD3G (Primary Amine Labeling)

RPCB0565



## Product Information

**Product SKU:** RPCB0565      **Gene ID:** 916&917      **Size:** 100µg  
**Tag:** C-His      **Reactivity:** Human

## Additional Information

**Expression Host:** -      **Swissprot:** P07766(CD3E)&P09693(CD3G)  
**Purity:** > 95% by SDS-PAGE ; > 95% by HPLC

## Protein Information

**Background:** T-cell surface glycoprotein CD3 epsilon & CD3 gamma chain, also known as CD3E & CD3G, are single-pass type I membrane proteins. When antigen presenting cells (APCs) activate T-cell receptor (TCR), TCR-mediated signals are transmitted across the cell membrane by the CD3 chains CD3D, CD3E, CD3G and CD3Z. All CD3 chains contain immunoreceptor tyrosine-based activation motifs (ITAMs) in their cytoplasmic domain.

**Protein Description:** High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human CD3E&CD3G (Primary Amine Labeling), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 1 EU/µg of the protein by LAL method

**Formulation:** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

**Storage:** Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Contact Details | Dublin, Ireland

Email: [techsupport@assaygenie.com](mailto:techsupport@assaygenie.com) | Web: [www.assaygenie.com](http://www.assaygenie.com)

Copyright © 2024 Assay Genie Ltd, All Rights Reserved. All information / detail is correct at time of going to print.