Recombinant Human CD3E&CD3G Protein, C-hFc-Flag&C-mFc-tagged

Product Information

Cat	*IMP-4239*
Official Symbol	*CD3E&CD3G*
Product Overview	*Recombinant extracellular domain (Met1-Asp126) of human CD3E (NP_000724.1) was fused with the C-terminal FLAG-tagged Fc region of human IgG1 at the C-terminus, constructed the plasmid 1; Recombinant extracellular domain (Met1-Ser116) of human CD3G (NP_000064.1) was fused the Fc region of mouse IgG1 at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the human CD3E/CD3G heterodimer was purified.*
Description	*The CD3 complex mediates signal transduction.*
Expression System	*HEK293*
Species	*Human*
Tag	*C-hFc-Flag&C-mFc*
Predicted N Terminal	*Asp 23&Gln 23*
Form	*Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.*
Molecular Mass	*The recombinant heterodimer of human CD3E/CD3G comprises 681 (353+328) amino acids and has a calculated molecular mass of 76.9 (39.8+37.1) KDa. As a result of glycosylation, the apparent molecular mass of human CD3E/CD3G heterodimer is approximately 42-47 KDa in SDS-PAGE under reducing conditions.*
Protein length	*Met1-Asp126 and Met1-Ser116*
Endotoxin	*< 1.0 EU/μg of the protein as determined by the LAL method*
Purity	*> 95 % as determined by SDS-PAGE*
Storage	*Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.*
Reconstitution	*A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.*
SDS-PAGE	

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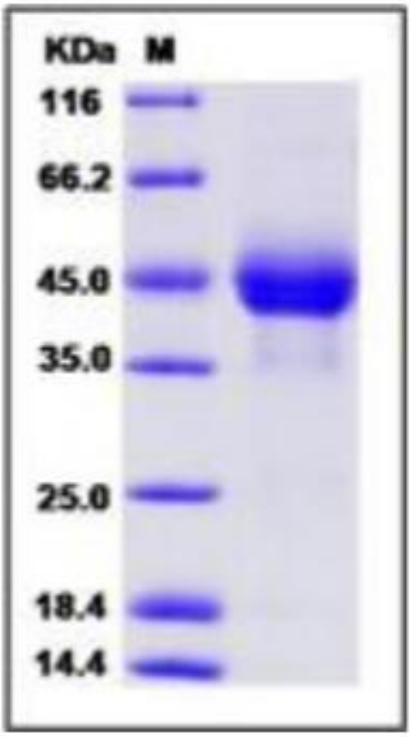

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