

Recombinant Mouse CD3E & CD3G protein, hFc-tagged

Cat. No. CD3E & CD3G-1961M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD3E & CD3G protein(NP_031674.1 & NP_033980.1)(Met1-Asp108 & Met1-Ser116), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asp108 & Met1-Ser116
Form	Lyophilized from sterile 20mM Tris,150mM NaCl,10% Glycerol0.02% Tween 20, pH8.5.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse CD3E&CD3G consists of (329+335) amino acids and predicts a molecular mass of (37.2+ 37.3) kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Cd3e CD3 antigen, epsilon polypeptide [*Mus musculus*]

Official Symbol CD3E

Synonyms CD3E; CD3 antigen, epsilon polypeptide; T-cell surface glycoprotein CD3 epsilon chain; T-cell surface antigen T3/Leu-4 epsilon chain; CD3; T3e; AI504783; CD3epsilon;

Gene ID 12501

mRNA Refseq NM_007648

Protein Refseq NP_031674

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