

Recombinant Human CD3E & CD3G protein, Fc-tagged

Cat. No. CD3E & CD3G-146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD3E (NP_000724.1) (Met1-Asp126) was fused with the Fc region of Llama IgG2b at the C-terminus, constructed the plasmid 1; Recombinant human CD3G (NP_000064.1) (Met1-Ser113) was fused with the Fc region of Llama IgG2b at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the human CD3E/CD3G heterodimer was purified.
Species	Human
Source	HEK293
ProteinLength	1-126;1-113 a.a.
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 human CD3E/CD3G consists of 696 (353+343) amino acids and has a calculated molecular mass of 78.4 (39.7+38.7) KDa.
Endotoxin	< 0.01 EU per µg of the 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.

 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

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.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION**Official Symbol**

CD3E; CD3G

Synonyms

CD3E & CD3G Heterodimer; IMD18; T3E; TCRE

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