

PRODUCT INFORMATION

CD3G **Target**

Synonyms T3G; IMD17; CD3GAMMA; CD3-GAMMA Recombinant human CD3G Protein with C-

Description terminal human Fc tag

Delivery In Stock **Uniprot ID** P09693 **HEK293 Expression Host**

Tag C-Human Fc tag

Molecular

Storage & Shipping

Background

CD3G(Gln23-Ser116) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

36.8 kDa after removal of the signal peptide. The apparent molecular mass of CD3G-hFc is **Molecular Weight**

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is the CD3-gamma polypeptide, which together with CD3epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-

transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Defects in this gene are associated with T cell immunodeficiency. [provided by RefSeq, Jul 2008]

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Usage Research use only

Conjugate Unconjugated



/+86-400-006-0995(China)



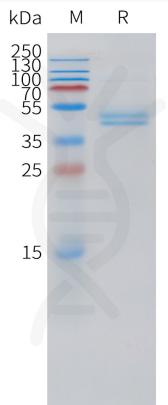


Figure 1. Human CD3G Protein, hFc Tag on SDS-PAGE under reducing condition.

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