

PRODUCT INFORMATION

TRHR Target

Synonyms CHNG7; TRH-R

Recombinant human TRHR Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P34981 **HEK293 Expression Host**

Tag C-Human Fc tag

Molecular

TRHR(Met1-Gln25) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

29.0 kDa after removal of the signal peptide. The apparent molecular mass of TRHR-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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a G protein-coupled receptor for thyrotropin-releasing hormone (TRH). Upon binding to TRH, this receptor activates the inositol

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phospholipid-calcium-protein kinase C transduction pathway. Mutations in this gene have been associated with generalized **Background**

thyrotropin-releasing hormone resistance.

[provided by RefSeq, Sep 2011]

Usage Research use only

Conjugate Unconjugated





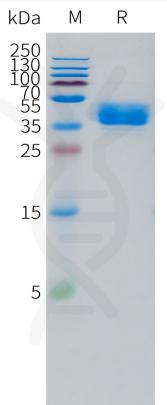


Figure 1. Human TRHR Protein, hFc Tag on SDS-PAGE under reducing condition.

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