PRODUCT INFORMATION

Target	TRHR
Synonyms	CHNG7; TRH-R
Description	Recombinant human TRHR Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P34981
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	TRHR(Met1-Gln25) hFc(Glu99-Ala330)
Molecular Weight	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 approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	This gene encodes a G protein-coupled receptor for thyrotropin-releasing hormone (TRH). Upon binding to TRH, this receptor activates the inositol phospholipid-calcium-protein kinase C transduction pathway. Mutations in this gene have been associated with generalized thyrotropin-releasing hormone resistance. [provided by RefSeq, Sep 2011]
Usage	Research use only
Conjugate	Unconjugated

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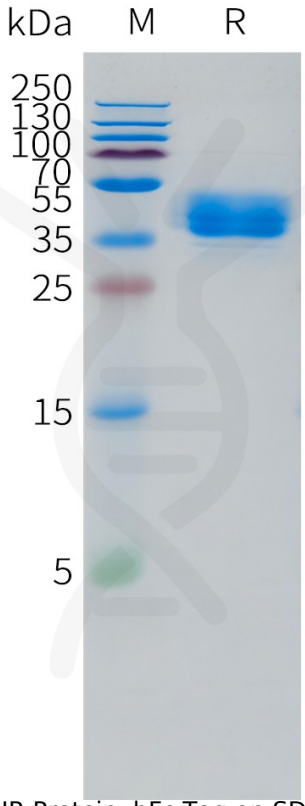


Figure 1. Human TRHR Protein, hFc Tag on SDS-PAGE under reducing condition.

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