

Datasheet for ABIN7597431

TRHR Protein (AA 1-25) (Fc Tag)



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Overview

Quantity:	10 µg
Target:	TRHR
Protein Characteristics:	AA 1-25
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRHR protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human TRHR Protein with C-terminal human Fc tag
Sequence:	TRHR(Met1-Gln25) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TRHR
Alternative Name:	TRHR (TRHR Products)
Background:	CHNG7, TRH-R 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

Target Details

	thyrotropin-releasing hormone resistance. [provided by RefSeq, Sep 2011]
Molecular Weight:	predicted molecular mass of 29.0 kDa after removal of the signal peptide. The apparent molecular mass of TRHR-hFc is 35-55 kDa due to glycosylation.
UniProt:	P34981

Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: <ul style="list-style-type: none">• Immunogens for antibody drug development• Reagents used for CAR-T positive cell monitoring• Reagents for antibody screening and functional testing• Reagents for antibody affinity measurement
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	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.
Expiry Date:	12 months