

Product Information

MemDX™ Membrane Protein Human TRHR (Thyrotropin releasing hormone receptor) Full Length

Cat. No.: **MPC0344K**

This product is for research use only and is not intended for diagnostic use.

This product is a 45 kDa Human TRHR membrane protein expressed in Baculovirus/Insect expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

TRHR

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

45 kDa

TMD

7

Sequence

MENETVSELNQTLQPRAVVALEYQVVTILLVLIICGLGIVGNIMVVLVV
MRTKHMRTPPTNCYLVS LAVADLMVLVAAGLPNITDSIYGSWVYGYVGCLC
ITYLQYLGINASSCSITAFIERYIAICHPIKAQFLCTFSRAKKIIIFVW
AFTSLYCMWLWFFLLDLNISTYKDAIVISCGYKISRNYYSPIYLMDFGVFY
VVP MILATVLYGFIARILFLNPIPSDPKENSKTWKNDS THQNTNLNVNTS
NRCFNSTVSSRKQVTKMLAVVVILFALLWMPYRTL VVVNSFLSSPFQENW
FLLFCRICIYLN SAINPVIYNLMSQKFRAAFRKL CNCKQKPTEKPANYSV
ALNYSVIKESDHFSTELDDITVTD TYLSATKVSFDDTCLASEVSFSQS

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

TRHR

Full Name

Thyrotropin releasing hormone receptor

Introduction

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.

Alternative Names

CHNG7; TRH-R; thyrotropin-releasing hormone receptor; thyroliberin receptor; TRHR; Thyrotropin releasing hormone receptor

Gene ID

[7201](#)

UniProt ID

[P34981](#)