

Datasheet for ABIN2733690

TSH receptor Protein (Transcript Variant 3) (Myc-DYKDDDDK Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	20 µg
Target:	TSH receptor (TSHR)
Protein Characteristics:	Transcript Variant 3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSH receptor protein is labelled with Myc-DYKDDDDK Tag.
Application:	Standard (STD), Antibody Production (AbP)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Thyrotropin receptor / TSHR (transcript variant 3) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	TSH receptor (TSHR)
Alternative Name:	Thyrotropin Receptor, tshr (TSHR Products)
Background:	The protein encoded by this gene is a membrane protein and a major controller of thyroid cell metabolism. The encoded protein is a receptor for thyrothopin and thyrostimulin, and its activity is mediated by adenylate cyclase. Defects in this gene are a cause of several types of

Target Details

	hyperthyroidism. Three transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	28.5 kDa
NCBI Accession:	NP_001136098
Pathways:	Thyroid Hormone Synthesis

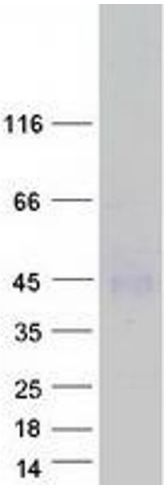
Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot