

Recombinant Mouse Tshr Protein, Myc/DDK-tagged

Cat. No. Tshr-6685M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thyroid stimulating hormone receptor (Tshr), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Receptor for thyrothropin. Plays a central role in controlling thyroid cell metabolism. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Also acts as a receptor for thyrostimulin (GPA2+GPB5).
Molecular Mass	87 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Tshr thyroid stimulating hormone receptor [Mus musculus (house mouse)]
Official Symbol	Tshr
Synonyms	TSHR; thyroid stimulating hormone receptor; thyrotropin receptor; TSH-R; thyroid-stimulating hormone receptor; hyt; pet; AI481368; hypothyroid
Gene ID	22095
mRNA Refseq	NM_011648
Protein Refseq	NP_035778
UniProt ID	P47750

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