

TSHR recombinant protein

TSHR Protein (Active)

CATALOG # AAA59085	HOST E. Coli	APPLICATIONS SDS-Page, ELISA
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PRODUCT SYNONYMS

TSHR; TSHR Protein (Active); Thyrotropin receptor; Thyroid-stimulating hormone receptor; TSH-R; LGR3; TSHR recombinant protein

PRODUCT SPECIFICATIONS

Host	E. Coli
Purity/Purification	>90% by SDS-PAGE
Form/Format	Liquid (2.8 mg/ml)
Applicable Applications for TSHR recombinant protein	SDS-PAGE, ELISA
Preparation and Storage	Ships in blue ice. Upon receipt, aliquot and store at -20°C or -80°C for long term. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TSHR recombinant protein	Background/Introduction: Thyroid stimulating hormone receptor (TSHR), also known as Thyrotropin receptor is a member of the leucine-rich repeat-containing G protein-coupled receptors. G protein-coupled receptors (GPCRs) are the largest family of plasma membrane receptors. They mediate the effects of several endogenous cues and serve as important pharmacological targets. TSHR is primarily found on the surface of the thyroid epithelial cells. Both TSHR and its ligand TSH have evolved to acquire specificity, minimize cross-reaction to other glycoprotein hormone receptors, and modulate cognate interaction (and thereby thyrotropic activity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	217330610
NCBI GeneID	7253
NCBI Accession #	NP_001136098.1
NCBI GenBank Nucleotide #	NM_001142626.2
UniProt Accession #	P16473 ; Q16503 ; Q8TB90 ; Q96GT6 ; Q9P1V4 ; Q9ULA3 ; Q9UPH3 ; A0PJU7 ; G3V2A9
NCBI Official Full Name	thyrotropin receptor isoform 3
NCBI Official Synonym Full Names	thyroid stimulating hormone receptor
NCBI Official Symbol	TSHR
NCBI Official Synonym Symbols	LGR3; CHNG1; hTSHR-I
NCBI Protein Information	thyrotropin receptor; thyrotropin receptor-I, hTSHR-I; seven transmembrane helix receptor; thyroid stimulating hormone receptor, isoform 2
UniProt Protein Name	Thyrotropin receptor
UniProt Gene Name	TSHR

UniProt Synonym Gene Names	LGR3; TSH-R
UniProt Entry Name	TSHR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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