

TSHR recombinant protein

TSHR (22-260aa, 26 kDa)

CATALOG # AAA59126	HOST E.coli	APPLICATIONS SDS-Page, ELISA
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PRODUCT SYNONYMS

TSHR; TSHR (22-260aa; 26 kDa); Thyrotropin receptor; Thyroid-stimulating hormone receptor; TSH-R; LGR3; TSHR recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	>95% by SDS-PAGE
Form/Format	Lyophilized ; Each vial contains 10 mM PBS (pH8.0) with 10% glycerol and 0.01% proclin 300
Applicable Applications for TSHR recombinant protein	SDS-PAGE, ELISA
Preparation and Storage	Upon receipt, aliquot and store at -20°C or -80°C. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TSHR recombinant protein	Description: Recombinant fragment human TSHR protein (22-260 aa) with 26 kDa with his tag Background: 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).
References	Farid NR, Szkudlinski MW (2004). "Minireview: structural and functional evolution of the thyrotropin receptor". Endocrinology 145 (9): 4048-57.

NCBI AND UNIPROT INFORMATION

NCBI GI #	217330610
NCBI GeneID	7253
NCBI GenBank Nucleotide #	NM_001142626.2
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tshr-recombinant-protein-e-coli-sds-page-elisa/59126>