

Recombinant Human TSHR protein, His-tagged

Cat. No. TSHR-1900H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSHR protein(Gly21~Gly413), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly21~Gly413
Form	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Molecular Mass	50kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 %
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	TSHR thyroid stimulating hormone receptor [Homo sapiens]
Official Symbol	TSHR
Synonyms	TSHR; thyroid stimulating hormone receptor; thyrotropin receptor; LGR3; TSH-R; thyrotropin receptor-I, hTSHR-I; seven transmembrane helix receptor; thyroid-stimulating hormone receptor; thyroid stimulating hormone receptor, isoform 2; CHNG1; hTSHR-I; MGC75129;
Gene ID	7253
mRNA Refseq	NM_000369
Protein Refseq	NP_000360
UniProt ID	P16473

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