

Thyroid Stimulating Hormone Receptor Recombinant Protein | TSHR recombinant protein

Recombinant Thyroid Stimulating Hormone Receptor (TSHR)

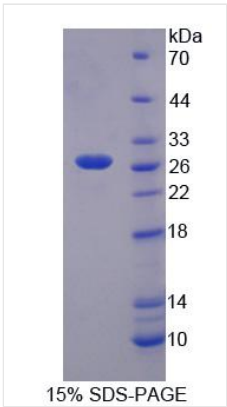
CATALOG # AAA144501	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Thyroid Stimulating Hormone Receptor; Recombinant Thyroid Stimulating Hormone Receptor (TSHR); TSHR recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 0.01% Sarcosyl, 5% Trehalose .
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	PCECHQEDDF RVTCKELHQI PSLPPSTQTL KLIETHLKI PSIAFSSLPN ISRIYLSIDA TLQRLEPHSF YNLSKMTHE IRNTRSLTYI DPDALTELPL LKFLGIFNTG LRIFPDLTKI YSTDVFFILE ITDNPYMTSV PENAFQGLCN ETLTLKLYNN GFTSIQGHAF NGTKLDAVYL NKNKYLTAD KDAFGGVYSG PTLLDVSSTS VTALPSKG
Applicable Applications for TSHR recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Pro28~Gly245
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.9
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	38016895
NCBI GeneID	7253
Molecular Weight	Predicted Molecular Mass: 28.1KDa Accurate Molecular Mass: 28kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	thyroid stimulating hormone receptor
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.

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Online datasheet: <https://stage.aaabiotech.com/tshr-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144501>