

Recombinant Full Length Bovine Thyrotropin Receptor(Tshr) Protein, His-Tagged

Cat. No. RFL4945BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bovine Thyrotropin receptor(TSHR) Protein (Q27987) (22-763aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Full Length of Mature Protein (22-763)
Form	Lyophilized powder
AA Sequence	<p>ERCPSPPCECRQEDDFRVTCCKDIQSIPSLPPSTQTLKFIETHLKTIPSRAFSNLPNISRI YLSIDATLQQLESHSFYNLSKVTHIEIRNTRSLTYIDSGALKELPLLKFLGIFNTGLRVF PDLTKIYSTDVFFILEITDNPYMTSIPANAFQGLCNETLTLKLYNNGFTSIQGHAFNGT K L DAVYLNKNKYLTVIGQDAFAGVYSGPTLLDISYTSVTALPSKGLEHLKELIARNTW TLR KLPLSLSFLHLTRADLSYPSHCCAFKNQKKIRGILQSLMCNESSIRGLRQRKSAS ALNGP FYQEYEDLGDGSAGYKENSKFQDTQSNSHYVFFEEQEDEIIGFGQQLKNP QEETLQAFD SHYDYTVCGGSEDMVCTPKSDEFNPCEDIMGYKFLRIVVWFVSLAL LGNVFVLVILLTS HYKLTVPRFLMCNLAFADFCMGLYLLLIASVDLYTQSEYYNHAID WQTGPGCNTAGFFTV FASELSVYTLTVITLERWHAITFAMRLDRKIRLWHAYVIMLG GWVCCFLLALLPLVGISS YAKVSICLPMDETETPLALAYIILVLLLNIIAFIIVCACYVKIYIT VRNPHYNPGDKDTRI AKRMAVLIFTDFMCMAPISFYALSALMNKPLITVTNSKILLVLF YPLNSCANPFLYAIFT KAFQRDVFMLLSKFGICKRQAQAYRGQRVSPKNSTGIRVQK</p>

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VPPDVRQSLPNVQDDYELL ENSHLTPKQQDQTSKEYKRTVL

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name TSHR

Synonyms TSHR; Thyrotropin receptor; Thyroid-stimulating hormone receptor; TSH-R

UniProt ID [Q27987](https://www.uniprot.org/entry/Q27987)

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