

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

Cat. No. RFL29533FF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Full Length Cat Thyrotropin receptor(TSHR) Protein (Q9BGN4) (22-763aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Felis catus |
| Source | E.coli |
| ProteinLength | Full Length of Mature Protein (22-763) |
| Form | Lyophilized powder |
| AA Sequence | <p>KGCPSPPECHQEDDFRVTCCKDIHRIPSLPPSTQTLKFIETHLKTIPSRAFSNLPNISRI YLSIDATLQRLESHSFYNLSKMTHEIRNTRSLTYIDPGALKELPLLKFLGIFNTGLGVF PDLTKVYSTDVFFILEITDNPYMTSIPANAFQGLCNETLTLKLYNNGFTSIQGHAFNGT K LDAVYLNKNKYLT AIDQDAFGGVYSGPTLLDVSYSVTALPSKGLEHLKELIARNT WTLK KLPLTLSFLHLTRADLSYP SHCCAFKNQKKIRGILESFCNDSSIRSLRQRKSV NALNGP FDQEYEEYLGDSHAGYKDNSKFQDTRSNSHYVFFEEQDEILGFGQELK NPQEETLQAFD SHDYTVCGGNEDMVCTPKSDEFNPCEDIMGYKFLRIVVWFVSL ALLGNVFLIILLTS HYKLTVPRFLMCNLAFADFCMGMYLLIASVDLYTHSEYYNHAI DWQTGPGCNAAGFFTV FASELSVYTLTVITLERWYAITFAMRLDRKMRLRHAYAIM VGGWCCFLALLPLVGISS YAKVSICLPMDTETPLALAYIILVLLLNIVAFIIVCSCYVK IYITVRNPQYNTGDKDTKI AKRMAVLIFTDFMCMAPISFYALSALMNKPLITVTNSKILL VLFYPLNSCANPLYAIFT KTFQRDVFILLSKFGICKRQAQAYRGQRVSPKNSTGIQV</p> |

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QKVTRNMRQSLPNMQDDYELL ENSHLTPNKQSHISKEYNQTVL

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 [Q9BGN4](#)

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