

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

Cat. No. RFL8564CF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Dog Thyrotropin receptor(TSHR) Protein (P14763) (21-764aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Dog

Source

E.coli

ProteinLength

Full Length (21-764)

Form

Lyophilized powder

AA Sequence

GKGCPSPPCECHQEDDFRVTCKDIHRIPTLPPSTQTLKFIETQLKTIPSRAFSNLPNIS
 R IYLSIDATLQRLESHSFYNLSKMTHEIRNTRSLTSIDPDALKELPLLKFLGIFNTGLG
 V FPDVTKVYSTDVFFILEITDNPYMASIPANAFQGLCNETLTLKLYNNGFTSIQGHAF
 NGT KLDAYVLNKNKYLSAIDKDAFGGVYSGPTLLDVSYTSVTALPSKGLEHLKELIAR
 NTWTL KKLPLSLSFLHLTRADLSYP SHCCAFKNQKKIRGILESLMCNESSIRSLRQRK
 SVNTLNG PFDQEYEEYLGDSHAGYKDNSQFQDTSNSHYVVFEEQEDEILGFGQ
 ELKNPQEETLQA FDSHYDYTVCGGNEDMVCTPKSDEFNPCEDIMGYKFLRIVVWFV
 SLLALLGNVFLVILL TSHYKLTVPRFLMCNLAFADFCMGMYLLIASVDLYTHSEYY
 NHAIWQTGPGCNTAGFF TVFAELSVYTLTVITLERWYAITFAMRLDRKIRLRHAY
 AIMVGGWVCCFLLALLPLVGI SSYAKVSICLPMDTETPLALAYIILVLLLNIVAFIIVCSC
 YVKIYITVRNPQYNPGDKDT KIAKRMAVLIFTDFMCMAPISFYALSALMNKPLITVNTS
 KILLVLFYPLNSCANPFLYAI FTKAFQRDVFILLSKFGICKRQAQAYRGQRVSPKNSA

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GIQIQKVTRDMRQSLPNMQDEYE LLENSHLTPNKQGQISKEYNQTVL

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

Applications 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 [P14763](#)

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