

TRH Blocking Peptide (C-Term)

Synthetic peptide

Catalog # BP21788b

Specification**TRH Blocking Peptide (C-Term) - Product Information**Primary Accession [P20396](#)**TRH Blocking Peptide (C-Term) - Additional Information**

Gene ID 7200

Other NamesPro-thyrotropin-releasing hormone,
Pro-TRH, Prothyroliberin,
Thyrotropin-releasing hormone, TRH,
Protirelin, TSH-releasing factor, Thyroliberin,
Thyrotropin-releasing factor, TRF, TRH**Target/Specificity**

The synthetic peptide sequence is selected from aa 177-191 of HUMAN TRH

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TRH Blocking Peptide (C-Term) - Protein Information

Name TRH

Function

As a component of the hypothalamic-pituitary-thyroid axis, it controls the secretion of thyroid-stimulating

TRH Blocking Peptide (C-Term) - Background

Functions as a regulator of the biosynthesis of TSH in the anterior pituitary gland and as a neurotransmitter/ neuromodulator in the central and peripheral nervous systems. May promote hair shaft elongation, prolonge the hair cycle growth phase (anagen) and antagonized its termination by TGFB2. May also increase proliferation and inhibited apoptosis of hair matrix keratinocytes.

TRH Blocking Peptide (C-Term) - References

Yamada M.,et al.Mol. Endocrinol. 4:551-556(1990).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Gaspar E.,et al.FASEB J. 24:393-403(2010).

hormone (TSH) and is involved in thyroid hormone synthesis regulation. It also operates as modulator of hair growth. It promotes hair-shaft elongation, prolongs the hair cycle growth phase (anagen) and antagonizes its termination (catagen) by TGFB2. It stimulates proliferation and inhibits apoptosis of hair matrix keratinocytes.

Cellular Location

Secreted.

Tissue Location

Hypothalamus. Expressed in the hair follicle epithelium (at protein level).

TRH Blocking Peptide (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)