

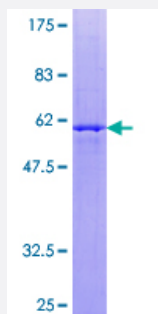
Full-Length

TRH (Human) Recombinant Protein (P01)

Catalog # H00007200-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TRH full-length ORF (NP_009048.1, 1 a.a. - 242 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPGPWLLLALALTLNLTGVPGGRAQPEAAQQEAVTAAEHPGLDDFLRQVERLLFLRENIQRLQG DQGEHSASQIFQSDWLSKRQHPGKREEEEEEGVEEEEEEGGAVGPHKRQHPGRREDEASW SVDVTQHKRQHPGRRSPWLAYAVPKRQHPGRRLADPKAQRSWEEEEEEEEEREEDLMPEKRQH PGKRALGGPCGPQGAYGQAGLLLGLLDDLRSQGAEEKRQHPGRRAAWVREPLEE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	53.8
Interspecies Antigen Sequence	Mouse (52); Rat (52)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TRH

Entrez GeneID	7200
GeneBank Accession#	NM_007117.1
Protein Accession#	NP_009048.1
Gene Name	TRH
Gene Alias	MGC125964, MGC125965
Gene Description	thyrotropin-releasing hormone
Omim ID	275120
Gene Ontology	Hyperlink
Other Designations	-

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)

- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Mental Disorders](#)