

Product datasheet for TP503300

Trh (NM_009426) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thyrotropin releasing hormone (Trh), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203300 protein sequence Red =Cloning site Green =Tags(s)
	<p>MQGPWLMMALALIFVLTGIPKSCALLEAAQEAGVTPDLPGLEKVQVRPERRFLRKDLQRVRGDLGAALD SWITKRQHPGKREEKLEDEAEERGDGEGVGAWRPHKRQHPGRRANQDKDSWSDEGSDWLPPSWLPDFFL DSWFSDAPQVKRQHPGRRSFPWMESDVTKRQHPGRRFIDPELQRSWEETEGEEGLMPEKRQHPGKRAVG HPCGPQGICGQTGLLQLLDLSRGQETLAKQTPQLEAWVREPLEE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	29.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_033452
Locus ID:	22044
UniProt ID:	Q62361
RefSeq Size:	1400



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Cytogenetics: 6 41.03 cM

RefSeq ORF: 768

Synonyms: Pro-TRH; Trf

Summary: This gene encodes a member of the thyrotropin-releasing hormone family. Cleavage of the encoded proprotein releases mature thyrotropin-releasing hormone, which is a tripeptide hypothalamic regulatory hormone. The mouse proprotein contains five thyrotropin-releasing hormone tripeptides. Thyrotropin-releasing hormone is involved in the regulation and release of thyroid-stimulating hormone, as well as prolactin. Disruption of this gene results in hypothyroidism, elevated thyroid-stimulating hormone levels, and hyperglycemia. [provided by RefSeq, Apr 2013]