

Product datasheet for TP510536

Tshr (NM_011648) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thyroid stimulating hormone receptor (Tshr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210536 representing NM_011648 Red=Cloning site Green=Tags(s)

MRPGSLLLLLVLLLALSRSLRGKECASPPCECHQEDDFRVTKELHRIPSLPPSTQTLKLIETHLKTIPSL
AFSSLPNISRIYLSIDATLQRLEPHSFYNLSKMTHEIRNTRSLTYIDPDALTEPLLKFLGIFNTGLRI
FPDLTKIYSTDIFFILEITDNPYMTSVPENAFQGLCNETLTLKLYNNGFTSVQGHAFNGTKLDAVYLNKN
KYLTAIDNDAFGGVYSGPTLLDVSSTSVTALPSKGLEHLKELIAKDTWTLKKLPLSLSFLHLTRADLSYP
SHCCAFKNQKKIRGILESLMCNESSIRNLRQRKSVNLRGPIYQEYEDPGDNSVGYKQNSKFQESPSNS
HYVVFEEQEDEVVGFQELKNPQEETLQAFESHYDYTCGDNEDMVCTPKSDEFNPECEDIMGYRFLRIV
VWFVSLALLGNIFVLLILLTSHYKLTVPRLMCNLAFAFCMGVYLLIASVDLYTHSEYYNHAIWDWT
GPGCNTAGFFTVFAELSVYTLTITLERWYAITFAMRLDRKIRLRHAYTIMAGGWVSCFLALLPMVGI
SSYAKVSIKLPMDTDTPLALAYIVLVLNVAFWVWCSCYVKIYITXXRNPQYNPRDKDTKIAKRMAVL
IFTDFMCMAPISFYALSALMNKPLITVTNSKILLVLFYPLNSCANPFLYAIFTKAFQRDVIFILLSKFGIC
KRQAQAYQGQRVCPNNSTGIQIQIPQDTRQSLPNMQDTYELLGNSQLAPKLQGGQISEEYKQTAL

TRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	87 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.



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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_035778
Locus ID:	22095
UniProt ID:	P47750
RefSeq Size:	4332
Cytogenetics:	12 44.51 cM
RefSeq ORF:	2295
Synonyms:	AI481368; hypothroid; hyt; pet
Summary:	Receptor for the thyroid-stimulating hormone (TSH) or thyrotropin. Also acts as a receptor for the heterodimeric glycoprotein hormone (GPHA2:GPHB5) or thyrostimulin. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Plays a central role in controlling thyroid cell metabolism.[UniProtKB/Swiss-Prot Function]