

Product datasheet for SC115238

TRHDE (NM_013381) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRHDE (NM_013381) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRHDE
Synonyms:	PAP-II; PGPEP2; TRH-DE
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115238 sequence for NM_013381 edited (data generated by NextGen Sequencing)

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ATGGGGGAAGACGACGCCGCGCTTCGGGCTGGCAGCAGGGGGCTCTCCGACCCGTGGGCA
GACTCAGTGGGAGTGCACCCCGCACCGAGCGCCACATCGCCGTACACAAGCGGCTT
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CTGTCCGGCCACCTGAAGCCGCTGCACTACAATCTGATGCTCACCGCCTTCATGGAGAAC
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GGTTTGGCCAGTTCCCATCCAGTATCACAGGAAGTGCTGCAGGCAACAGATATTGACAGG
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GAAGCCAATGTGCGCTGGAAAATGCTTTACCAAGACGAGCTTTTCCAATGGTTAGGAAAA
GCTCTAAGACTAA
    
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Clone variation with respect to NM_013381.2

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_013381 unedited
GTGGGCACACACAGCTTTTTTCCCCCGGGTTTAAATTTGTATACGACTCATATAGGCGG
CCGCGNAATTCGCACGAGCCAGTCCGCGGCCCTCGGCCCGCGTGAGCTCTCCGATGCCT
GCTCTGGCTGTGGCCCGGGTGGCCCGCCCGGGGGGTGCCAGAGGGGCGGGGAGGAG
GAGGAGGCGGTGTGATGGCCCTGGACGGCGAGCTGGGGGAGCAAGAGGAGGAGAAGAAA
AGAAGAAGAAAAAGAAGAGGAAGAAGAAGAAGGAGGAGGAGGAGGAGGAGGGGGCCG
AGAAGAGCAGCTACCCCTTCGCAGCCGCGATGGGGGAAGACGACCCGCGCTTCGGGCTG
GCAGCAGGGGGCTCTCCGACCCGTGGGCAGACTCAGTGGGAGTGCACCCCGCACACGG
AGCGCCACATCGCCGTACACAAGCGGCTTGTGCTGGCCTTCGCTGTGCCCTCGTGGCAT
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GCCTCCCTGGATCGGCCCGCGCAACCACACGCANGCGNGACTCCTGCCAGCCCGAGG
CGGGTGGGGTGGCCAGTCCGGGGACCACGTCCGCCCCACCCGCGGTTTCGAGAAGAGCGGG
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TCCCTGCCCGAACGCACCCCTTCTTAATGTTGACCCCTTCCCGAGTGGCGTGGGAAAA
ATGCACCTGGCCAGGCCCGGCTTCCGGGCTGTCCCTTAACCCGTTTTTTCTTTCCCC
CAAACCCGGCTTATGGGGGGGCTAAAGCACTCTCCCCCAAGAT
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_013381 unedited GGGGGGNNAAGGNGNNNNNGGNTTTNNNNGGGTTTTACTATGNNACGNCGGCCGCA TACTAGNGATCCATTTTTTTTTTTTTTTTTCTAAGTANAAAATAGATTTTATACTACG TTTTACAGATTATTCCAAGAGATATCATTGGTTATTTTATTCTTTGAAAATATTACTTA TTTAAACAACATAAAAAACCGGTAAAGCCTGATATAATTTCAACATTAGAAAGAATAAAT TATTGAAAATATGTAGAACAAAAACCCATCTTAATGCCATTGGTACCACTATACTGTT GAGCAAGTATTATAGAGTATTGAACATTGCACATAATTATACACTTAGGATTTGAGAT TGTAGATAAACCAAGTTGTTCAAGGCCACTAAAATACTGGAAAAGGATTATGATTATAAC AGTGAGGAGGAAAAATACACTATAAAGCCCTTCAACTCAAATCTGGAATGGTAATTTT ACTCAAAAATATACCCACACTACTAAGAGATTTTGTATTTCATGACACAAAACAAGACA TCCACCTCCAATTTTTTCTATCCATTACAGAATTCAGTGGTATGAACCCATATTTT GGGACCCCATCCAGGGTAAAATTTAAGATTTGGTAATTTTTAAAAAGTTCCCCCTTTT AATTAGGGTTTTTATAACCTGGGATTGGGGGAACCGGGATTTTCCATTCTCGGAAAAA GGGGAAAAATTTTAAATTTTACCCCAAAGTTTTTTCCGGCGCCCTCCCCCGGGGA AAAAATTTTAAATCCGGGTGTTTTAAATGAGAGGGAGGGCCGAAAAATTTTGGGGTG GGACACAAGGGTTTCCTTGCTTTTTAGAAAAAATCCTTT
Restriction Sites:	NotI-NotI
ACCN:	NM_013381
Insert Size:	5000 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_013381.1 , NP_037513.1
RefSeq Size:	5666 bp
RefSeq ORF:	3075 bp
Locus ID:	29953
UniProt ID:	Q9UKU6
Cytogenetics:	12q21.1
Domains:	Peptidase_M1
Protein Families:	Druggable Genome, Protease, Transmembrane

Gene Summary:

This gene encodes a member of the peptidase M1 family. The encoded protein is an extracellular peptidase that specifically cleaves and inactivates the neuropeptide thyrotropin-releasing hormone.[provided by RefSeq, Dec 2008]