

Product datasheet for RN203539

Htr4 (NM_012853) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Htr4 (NM_012853) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Htr4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203539 representing NM_012853 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACAGACTTGATGCTAATGTGAGTTCCAACGAGGGTTTCGGGCTGTGGAGAAGTCGTA
CGTTCTTCGCAATGGTTATCCTGATGGCCATCCTGGGCAACCTGCTGGTATGGTTGCTGTGCAGGGA
CAGGCAGCTCAGGAAAAATAAACCAATTATTTTCATTGTGTCTTGGCTTTGCTGATCTGCTGGTTTCG
GTGCTGGTGAATGCCTTCGGTGCCATTGAGTTGGTCCAAGACATCTGGTTTTATGGGGAGATGTTTTGCC
TGGTCCGACCTCTCTGGATGCTCTACTACCACAGCATCAATTTTTACCTCTGCTGCATTTCCCTGGA
TAGGTATTATGCCATCTGCTGTCAACCTTTGGTTATAGAAACAAGATGACCCCTCTACGCATCGCATT
ATGCTGGGAGGCTGCTGGGTCATCCCATGTTTATCTTTTCTCCCATAAATGCAAGGCTGGAACAACA
TCGGCATAGTTGATGTGATAGAGAAAAGGAAATCAACCACAACCTAACTCTACATTCTGTGTCTTCAT
GGTCAACAAGCCCTATGCCATCACCTGCTCTGTGGTGGCCTTCTACATCCCGTTTCTCCTCATGGTGTG
GCCTATTACCGTATCTATGCTCACTGCTAAGGAGCATGCCAGCAGATCCAGATGTTACAACGGGCAGGAG
CCACCTCTGAAAGCAGGCCCCAGACAGCTGACCAGCACAGCACATCGCATGCGGACAGAGACCAAGC
AGCCAAGACTTTATGTGTCATCATGGGCTGCTTCTGTTTCTGCTGGGCCCTTCTTTGTACCAATATT
GTGGACCTTTTATAGACTACACTGTGCCCGAGAAGGTGTGGACTGCTTTCTCTGGCTTGCTATATCA
ATTCAGGGTTGAACCTTTTCTCTATGCCTTCTTGAATAAGTCTTTCAGACGTGCCTTCTTATCATCCT
CTGCTGTGATGATGAGCGCTACAAAAGACCCCCATTCTGGCCAGACTGTCCCTGTCAACCACAACC
ATTAATGGATCCACTCATGTGCTAAGGGATACAGTGGAATGTGGTGGCCAATGGGAGAGTCGGTGTCAAC
TCACAGCAACTTCTCTTTGGTGGCTGCTCAGCCAGTGATACGTAGGCCCCAGGACAATGACCTAGAAGA
CAGCTGTAGCTTGAAGAAGCCAGTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_012853
Insert Size:	1221 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_012853.1 , NP_036985.1
RefSeq Size:	1260 bp
RefSeq ORF:	1221 bp
Locus ID:	25324
UniProt ID:	Q62758
Cytogenetics:	18q12.1
Gene Summary:	receptor for serotonin; may play a role in cognition and anxiolysis [RGD, Feb 2006]