

Product datasheet for RN207076

Htr5a (NM_013148) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Htr5a (NM_013148) Rat Untagged Clone
Tag: Tag Free
Symbol: Htr5a
Synonyms: 5HT5A; MR22
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207076 representing NM_013148
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCTGCCTATAAACTTGACCTCCTTTTCTCTCTCTACTCCCTCCACTTTGGAACCTAACCGCAGCT
 TGGACACGGAAGCCCTGCGCACTAGTCAGTCTTTTCTCTCAGCTTCCGAGTGCTAGTCCTGACTTTGCT
 GGGCTTTCTAGCTGCCGCCAGTTCACCTTGAACCTGCTGGTGTGGCCACCATCCTCAGGGTACGCACC
 TTCCACCGAGTACCACACAACCTGGTAGCATCCATGGCTATCTCGGATGTGCTAGTAGCTGTGCTGGTTA
 TGCCCTCTGAGCCTGGTACATGAAGTGTCTGGGCGCCGCTGGCAGCTGGGCGGCGTCTATGCCAGCTGTG
 GATTGCGTGTGACGTCTCTGCTGTACTGCCAGCATCTGGAATGTGACAGCAATAGCTTTGGACCGCTAC
 TGGTCAATAACGCGCCACCTGGAGTACACACTCCGTGCCCGCAAGCGTGTCTCCAACGTGATGATCCTGC
 TCACTTGGGCACTCTCCGCTGTCATCTCTGGCTCCGCTGCTCTTTGGCTGGGAGAGACTTACTCGGA
 GCTCAGTGAAGAATGCCAGGTGAGTCGCGAGCCTTCTACACCGTGTCTCCACTGTGGGCGCCTTCTAC
 CTGCCGCTGTGTGGTGTCTTTGTATACTGGAAGATTTACAAGGCTGCGAAGTTCCGCATGGGCTCCA
 GGAAGACCAACAGCGTCTCCCCATACCTGAAGCTGTGGAGGTGAAGGACGCTTCAACATCCCCAGAT
 GGTGTTCACTGTCCGTACGCCACCGTACCTTCCAGACAGAAGGGACACGTGGAGGGAACAGAAGGAG
 CAAAGGGCAGCCCTCATGGTGGGCATCCTCATTGGGGTGTGTTGCTCTGCTGGTCCCTTCTTTGTTA
 CGGAGCTCATCAGTCCGCTGTGCTCCTGGGATATCCCTGCCCTCTGGAAGAGCATCTTCTGTGGCTGGG
 CTATTCAACTCCTTCTCAACCCGCTCATCTACAGCGGTTCAACAGGAGCTACAGCAGTGCTTTTAAG
 GTCTTCTCTCCAAGCAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_013148



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Insert Size:	1074 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:	<u>NM_013148.1, NP_037280.1</u>
RefSeq Size:	1954 bp
RefSeq ORF:	1074 bp
Locus ID:	25689
UniProt ID:	<u>P35364</u>
Cytogenetics:	4q11
Gene Summary:	receptor for serotonin; involved in mediating serotonergic activity in the brain [RGD, Feb 2006]