

Product datasheet for RN203771

Htr7 (NM_022938) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Htr7 (NM_022938) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Htr7
Synonyms:	5Ht7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203771 representing NM_022938 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGATGGACGTTAACAGCAGCGGCCGCCGACCTCTACGGCCATCTCCGTTCACTCATCTGCCGGAGG
TGGGGCGGGCTGCAGGACCTGAGCCCCGACGGTGGCGCCACCTGTGGTGAAGCTCCTGGATGCCGCA
CCTGCTGAGTGGCTTCTAGAGGTGACGGCTAGCCCGGCCACCTGGGACGCGCCACCGGACAATGTC
TCAGGCTGCGGGGAGCAGATCAACTATGGCAGAGTGGAGAAAGTTGTGATCGGCTCCATCCTGACGCTCA
TCACGCTGCTGACGATCGCAGGCAACTGCCTGGTGGTATCTCCGTTGGTCTTCGTCGAAGAGCTCCGCCA
GCCCTCCAACCTACCTGATTGTGTCCCTGGCGCTGGCTGACCTCTCCGTTGGCCGTGGCGGTGATGCCTTTC
GTTAGTGTACCCGACCTCATCGGGGCAAGTGGATCTTCGGCCACTTCTTCTGCAACGTCTTCATCGCCA
TGGACGTATGTGCTGCACGGCCTCGATCATGACCCTGTGCGTATCAGCATCGACAGGTACCTTGGGAT
CACGAGACCCCTCACGTACCCGGTGAGGCAAAATGGGAAATGTATGGCCAAAATGATTCTGTCCGGTCTGG
CTGCTCTCTGCCCTCCATCACCTTACCTCCTCTTCCGATGGGCTCAGAATGTGAACGATGACAAAGTGT
GCTTGATCAGCCAGGATTTTGGCTACACGATCTACTCCACTGCGGTGGCGTTTTATATCCCATGTCGGT
CATGCTGTTTCATGTAATCAGATTTACAAGGCCGCCAGGAAGAGTGCAGCCAAACACAAGTTCACAGGC
TTCCCACGCGTGCAGCCGGAGAGTGTATCTCCCTGAATGGTGTGGTGAAGCTCCAGAAGGAGGTGGAAG
AGTGTGCGAACCTTTCGAGACTGCTCAAACACGAAAGGAAAAACATCTCCATCTTCAAGCGGGAACAGAA
AGCAGCCACTACCTTGGGGATCATCGTGGGAGCCTTCACTGTGTGCTGGCTGCCGTTTTCTCTGTGCC
ACAGCCC GCCCTTTATCTGTGGCACCTCCTGTAGCTGCATTCTCTGTGGTGGAGAGGACATGTCTGT
GGCTGGGCTATGCAAACCTCTCATTAACTTTTATATATGCCTTCTCAACCGGGACCTGAGGACCAC
CTATCGTAGCCTACTCCAGTGCCAGTACCGGAATATCAACCGGAAGCTCTCTGCTGCAGGCATGCATGAA
GCCCTGAAACTTGTGAGAGGCCCGAGAGATCCGAGTTTGTGCTG**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-RsrII
ACCN:	NM_022938
Insert Size:	1308 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_022938.2 , NP_075227.1
RefSeq Size:	1493 bp
RefSeq ORF:	1308 bp
Locus ID:	65032
UniProt ID:	P32305
Cytogenetics:	1q53
Gene Summary:	receptor for 5-hydroxytryptamine; involved in modulatory action on cerebellar function [RGD, Feb 2006]