

Product datasheet for **MC208728**

Htr5a (NM_008314) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Htr5a (NM_008314) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Htr5a
Synonyms:	Htr5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC208728 representing NM_008314 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATCTGCCTGTAACCTTGACCTCCTTTCTCTCTACTCCCTCCTTTTGGAACTAACCGCAGCT
TGGACACGGAAGTCTGCGCCCTAGTCGGCCTTTCTCTCAGCTTCCGAGTGCTAGTCCTGACTTTGTT
GGGCTTTCTAGCTGCGGCCACATTCACCTTGAACCTGCTGGTGTGGCTACCATCCTCAAGGTACGCACC
TTCCACCGAGTACCACACAACCTGGTAGCTTCCATGGCCATCTCGGATGTGCTAGTGGCTGTGCTGGTTA
TGCCACTGAGCCTGGTACATGAGCTGTCTGGGCGCCGCTGGCAGCTGGGCGGCGTCTATGCCAGCTGTG
GATCGCATGTGACGTGCTCTGCTGTACTGCCAGCATCTGGAATGTGACAGCAATAGCTCTGGACCGCTAC
TGGTCAATCACGCGCCACCTGGAGTACACACTCCGTACCCGCAAGCGTGTCTCCAATGTGATGATCCTGC
TCACCTGGGCACTCTCCACTGTCATCTCTGGCTCCACTGCTATTTGGCTGGGAGAGACTTATTCTGA
GCCCAGTGAGGAATGCCAAGTCAGTCGGAGCCTTCTACACCGTGTCTCCACCGTGGGTGCCTTCTAC
CTGCCGCTGTGCGTGGTGTCTTTGTGTACTGGAAAATTTACAGGGCGGCGAAATTCGCATGGCTCCA
GGAAGACCAACAGCGTCTCCCCGTACCCGAAGCTGTGGAGGTGAAGAATGCTACACAACATCCCCAGAT
GGTGTTACGGTCCGCCATGCCACCGTACCTTCCAGACAGAAGGGGATACGTGGAGGGAGCAGAAGGAG
CAAAGGGCAGCCCTCATGGTGGGCATCCTCATCGGAGTGTGTTGTCTGCTGCTGGTCCCTTTCTCGTCA
CAGAGCTCATCAGTCCCCTGTGTTCTGGGACGTCCTGCCATCTGGAAGAGCATCTTCTGTGGTTGGG
CTATTCTAATTCCTTCTCAACCCACTCATCTACACAGCATTCAACAGGAGCTACAGCAGTGCTTTCAAG
GTCTTCTCTCCAAGCAACA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_008314



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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_008314.2</u> , <u>NP_032340.2</u>
RefSeq Size:	5576 bp
RefSeq ORF:	1074 bp
Locus ID:	15563
UniProt ID:	<u>P30966</u>
Cytogenetics:	5 13.24 cM
Gene Summary:	This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins.[UniProtKB/Swiss-Prot Function]