

Product datasheet for MC208726

Htr1f (NM_008310) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Htr1f (NM_008310) Mouse Untagged Clone
Tag: Tag Free
Symbol: Htr1f
Synonyms: Htr1eb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208726 representing NM_008310
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATTTTTAAACGCATCAGACCAAACTTGACCTCTGAGGAAGTGTAAACCGAATGCCATCCAAA
TTCTGGTATCCCTCACTCTGTCTGGGCTGGCATTGATGACAACCACCATCACTCCCTCGTATCGCTGC
GATCATTGTGACTCGGAAGCTGCACCACCAGCCAATTTAATTTGTTCTTGGCAGTTACAGATTTT
CTGTAGCTGTCCCTGGTATGCCCTTCACTATTGTGTACATTGTGAGAGAGAGCTGGATTATGGGACAAG
TACTCTGTGACATTTGGCTGAGTGTGACATCATCTGTTGTACGTGTTCCATCTTGCATCTGTCCGCTAT
AGCCTTGGATAGGTACCGGCCATCACAGATGCAGTTGAATACGCCAGGAAGAGGACTCCAGGCATGCC
GGCATCATGATCAGATCGTGTGGGTTATCTGTGTTTCTATGCCTCCTCTTCTGGAGGCACC
AAGGAAGTAGCCGTGATGATGAGTGTGTCATCAAACATGACCACATTGTTCCACAATTTACTCCACGTT
TGGAGCTTTCTACATCCCGCTTGTATTGATATTGATCCTCTACTACAAAATACAGAGCAGCAAGGACA
CTGTACCACAAGAGACAAGCGAGTCGGATGATAAAGGAGGAGCTGAACGGTCAAGTCTTCTGGAGAGCG
GTGAGAAGAGCATTAACTGGTCTCCACATCTACATGTTAGAAAAATCCTTGTCCGATCCATCAACGGA
CTTTGATAGAATTCACAGCACCGTGAAAAGTCCCAGATCGGAAGTGAAGCATGAGAAATCTTGGAGAAGA
CAGAAAATCTCAGGCACCAGAGAACGCAAAAGCAGCCACTACCCTGGGATTGATCTTGGGTGCATTTGTAA
TATGTTGGCTGCCCTTTTTGTAAAAGAATTGGTTGTTAATGTCTGTGAAAAATGAAAATTTCTGAAGA
AATGTCAAATTTTTGGCATGGCTTGGTTACCTGAATTCCTTATAAATCCACTGATTTATACCATCTTT
AATGAAGACTTCAAGAAAGCTTTCCAAAACCTGTACGATGCCGATATTAG

ACGGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008310



Insert Size:	1101 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_008310.3, NP_032336.1</u>
RefSeq Size:	2509 bp
RefSeq ORF:	1101 bp
Locus ID:	15557
UniProt ID:	<u>Q02284</u>
Cytogenetics:	16 37.1 cM
Gene Summary:	G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for various alkaloids and psychoactive substances. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity.[UniProtKB/Swiss-Prot Function]