

Product datasheet for SC303720

HTR3B (NM_006028) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: HTR3B (NM_006028) Human Untagged Clone
Tag: Tag Free
Symbol: HTR3B
Synonyms: 5-HT3B
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006028 edited
GATCTGCCAGGAATGTTGTCAAGTGAATGGCTCCCCTGTGGCCTGCATCCTGGTGGC
TGCAGGAATTCTAGCCACAGATACACATCATCCCAGGATTCTGCTCTGTATCATCTCAG
CAAGCAGCTATTACAGAAATATCATAAAGAAGTGAGACCTGTTTACAACCTGGACCAAGGC
CACCACAGTCTACCTGGACCTGTTCTGTCATGCTATATTGGATGTGGATGCAGAGAATCA
AATATTAAGACAAGTGTATGGTACCAAGAGGTCTGGAATGATGAATTTTTATCCTGGAA
CTCCAGCATGTTTGATGAGATTAGAGAGATCTCCCTACCTCTAAGTGCCATCTGGGCCCC
CGATATCATCAATGAGTTTGTGGACATTGAAAGATACCCTGACCTTCCCTATGTTTA
TGTGAACATCTGGGACCATTGAGAACTATAAGCCATCCAGGTGGTCTCTGCGTGCAG
TTTAGAGACATATGCTTTTCCATTTGATGTCCAGAATTGCAGCCTGACCTTCAAGAGCAT
TCTGCATACAGTGAAGACGTAGACCTGGCCTTCTGAGGAGCCAGAAGACATTCAGCA
TGACAAAAGGCGTTTTTGAATGACAGTGAGTGGGAACCTCTATCTGTGTCTCCACATA
CAGCATCTGCAGAGCAGCGCTGGAGGATTTGCACAGATTCAAGTTAATGTGGTGTGCG
CAGGCACCCCCTGGTCTATGTCGTGAGTCTGCTGATTCCCTAGCATCTTTCTCATGCTGGT
GGACCTGGGGAGCTTCTACCTGCCACCCAACTGCCGAGCCAGGATTGTGTTCAAGACCAG
TGTGCTGGTGGGCTACACCGTCTCAGGGTCAACATGTCCAACAGGTGCCACGGAGTGT
AGGGAGCACCCCTCTGATTGGGCACTTCTTACCATCTGCATGGCCTTCTTGGTTCTCAG
CTTAGCTAAGTCCATCGTGTGGTCAAATTCCTCCATGATGAGCAGCGTGGTGGACAGGA
GCAGCCCTTCTTGTGCCCTCGAGGGGACACCGATGCTGACAGGCCTAGAGTGGAACCCAG
GGCCCAACGTGCTGGTAAACAGAGTCCCTGCTGTATGGAGAGCACCTGGCCAGCCAGG
AACCCCTGAAGGAAGTCTGGTGCAGCTTCAATCTATCAGCAACTACCTCCAAACTCAGGA
CCAGACAGACCAACAGGAGGCAGAGTGGCTGGTCCCTGCTCCCCTTTGACCGACTGCT
CTTCCAAAGCTACCTTTTCATGCTGGGGATCTACACCATCACTCTGTGCTCCCTCTGGGC
ACTGTGGGGCGCGTGTGAAGACTG

Restriction Sites: Please inquire



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ACCN:	NM_006028
Insert Size:	1300 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_006028.3 , NP_006019.1
RefSeq Size:	1847 bp
RefSeq ORF:	1326 bp
Locus ID:	9177
UniProt ID:	O95264
Cytogenetics:	11q23.2
Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane
Gene Summary:	The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit B of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It is not functional as a homomeric complex, but a pentaheteromeric complex with subunit A (HTR3A) displays the full functional features of this receptor. [provided by RefSeq, Aug 2011]