

Product datasheet for SC316751

GPR137C (NM_001099652) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR137C (NM_001099652) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR137C
Synonyms:	TM7SF1L2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001099652 edited ATGAGGGTGTCCGTGCCGGGTCCGGCGGCCGCTGCCGCCCCCGCAGCCGGCCGCGAGCCCC TCCACGCCCGCGGGGGCGCGGAGGCGCCGCTCGCTGCAGCCTCAGGCGCCGCG GTGCCGGGCTCCGTGCAGTTGGCGCTGAGCGTCCGACGCCCTGCTCTACGCCGCGCTG TTCGCTTTGCTACCTGCAGCTGTGGCGGCTGCTCCTGTACCGCGAGCGCGGCTGAGT TACCAGAGCCTCTGCCTTCTCTGTCTCCTGTGGGCGAGCGCTCAGGACCACCCTCTTC TCCGCCGCTTCTCGCTCAGCGGCTCCCTGCCCTTGTCCGGCCGCCGCTCACCTGCAC TTCTTCCCCCACTGGCTGCTCTACTGCTTCCCCTCCTGTCTCCAGTTCTCCACGCTCTGT CTCCTCAACCTCTACCTGGCGGAGGTTATATGTAAGTCAGATGTGCCACTGAATTGAC AGACACAAAATTCTACTGCATTTGGGCTTTATAATGGCAAGCCTGCTCTTTTTAGTGGTG AACTTGACTTGCGCAATGCTAGTTCATGGAGATGTCCAGAAAATCAGTTGAAGTGGACT GTGTTTGTTCGAGCATTAAATTAATGATAGCCTGTTTATTCTTTGTGCCATCTCTTTAGTG TGTACATATGCAAAATTACAAAATGTATCAGCTAATGTCTACCTCGAATCAAAGGGT ATGTCTCTGTGCCAGACTGTCTGTCGTGGGCTCTGTAGTCATTCTCTGTACTCTTCCAGA GCTTGTATAATTTGGTGGTGGTCACCATATCTCAGGATACATTAGAAAGTCCATTTAAT TATGGCTGGGATAATCTTTCAGATAAGGCTCATGTAGAAGACATAAGTGGAGAAGAGTAT ATAGTATTTGGAATGGTCCTCTTCTGTGGGAACATGTGCCAGCATGGTCGGTGGTACTG TTTTCCGGGCACAGAGATTAACCAGAATTTGGCACCTGCTGGCATGATAAATAGTCAC AGTTATAGTTCAGAGCTTACTTTTTCGACAATCCAAGACGATATGATAGTGATGATGAC CTGCCAAGACTGGGAAGTTCAAGAGAAGGAAGTTACCAAATTCGAAAGTTTGGGCTGG TATGGCACCATGACTGGGTGTGGCAGCAGCAGTTACACAGTCACTCCCCACCTGAATGGA CCTATGACAGATACTGCTCTTTGCTCTTTACTTGTAGTAATTTAGATTTGAACAATCAT CATAGCTTATATGTGACACCACAAAACCTGA
Restriction Sites:	NotI-NotI
ACCN:	NM_001099652


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Insert Size:	4000 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).
OTI Annotation:	ORF was fully sequenced and the sequence matches with that of NM_001099652.1. One SNP was observed in the ORF.
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:	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_001099652.1, NP_001093122.1</u>
RefSeq Size:	3908 bp
RefSeq ORF:	1290 bp
Locus ID:	283554
UniProt ID:	<u>Q8N3F9</u>
Cytogenetics:	14q22.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Lysosomal integral membrane protein that may regulate MTORC1 complex translocation to lysosomes.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.