

Product datasheet for SC315355

GPR125 (ADGRA3) (NM_145290) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GPR125 (ADGRA3) (NM_145290) Human Untagged Clone
Tag: Tag Free
Symbol: GPR125
Synonyms: GPR125; PGR21; TEM5L
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_145290 edited
 ATGGAGCCACCCGGACGCCGGGGCCGCGCAGCCCGCTGTTGCTGCCGCTCTCG
 CTGTTAGCGCTGCTCGCGTGTGGAGGCGGGCGGGCGCGCGCGCTGCC
 GCCGGCTGCAAGCACGATGGGCGCCCGAGGGCTGGCAGGGCGCGGGCGCCGAG
 GGCAAGGTGGTGTGCAGCAGCCTGGAACCTCGCGCAGGTCTGCCCCAGATACTGCCC
 AACCGCACGGTCAACCCTGATTCTGAGTAACAATAAGATATCCGAGCTGAAGAATGGCTCA
 TTTTCTGGGTTAAGTCTCCTTGAAGATTGGACCTCCGAAACAATCTTATTAGTAGTATA
 GATCCAGGTGCCTTCTGGGACTGTCATCTCTAAAAAGATTGGATCTGACAAACAATCGA
 ATAGGATGCTGAATGCAGACATATTTGAGGACTCACCAATCTGGTTCGGCTAAACCTT
 TCGGGGAATTTGTTTTCTCATTATCTCAAGGAACCTTTGATTATCTTGGCTCATTACGG
 TCTTTGGAATTCAGACTGAGTATCTTTGTGTACTGTAACATACTGTGGATGCATCGC
 TGGGTAAGGAGAAGAACATCACGGTACGGGATACCAGGTGTGTTATCCTAAGTCACTG
 CAGGCCAACCAAGTACAGGCGTGAAGCAGGAGCTGTTGACATGCGACCCCTCCGCTTGA
 TTGCCGCTCTTCTACATGACTCCATCTCATCGCCAAGTTGTGTTGAAGGAGACAGCCTT
 CCTTCCAGTGCATGGCTTCATATATTGATCAGGACATGCAAGTGTGTGGTATCAGGAT
 GGGAGAATAGTTGAAACCGATGAATCGCAAGGATTTTTGTTGAAAAGAACATGATTCAC
 AACTGCTCCTTGATTGCAAGTGCCTAACCAATTTCTAATATTCAGGCTGGATCTACTGGA
 AATTGGGGCTGTCATGTCCAGACCAACGTGGGAATAATACGAGGACTGTGGATATTGTG
 GTATTAGAGAGTTCTGCACAGTACTGTCGCGCAGAGGGTGGTAAACAACAAAGGTGAC
 TTCAGATGGCCAGAACATTGGCAGGCATTACTGCATATCTGCAGTGTACGCGGAACACC
 CATGGCAGTGGGATATATCCCGGAAACCCACAGGATGAGAGAAAAGCTTGGCGCAGATGT
 GATAGAGGTGGCTTTTGGCAGATGATGATTATTCTCGTGTGATGCAAAATGATGTC
 ACTAGAGTTCTTTATATGTTAATCAGATGCCCTCAATCTTACCAATGCCGTGGCAACA
 GCTCGACAGTTACTGGCTTACACTGTGGAAGCAGCCAACCTTTTCTGACAAAATGGATGTT
 ATATTTGTGGCAGAAATGATTGAAAAATTTGGAAGATTTACCAAGGAGAAAAATCAAAA
 GAGCTAGGTGACGTGATGGTTGACATTGCAAGTAACATCATGTTGGCTGATGAACGTGTC
 CTGTGGCTGGCGCAGAGGGAAGCTAAAGCCTGCAGTAGGATTGTGCAGTGTCTTCAGCGC



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ATTGCTACCTACCGGCTAGCCGGTGGAGCTCACGTTTATTCAACATATTCACCCAATATT
 GCTCTGGAAGCTTATGTCATCAAGTCTACTGGCTTACGGGGATGACCTGTACCGTGTTCC
 CAGAAAGTGGCAGCCTCTGATCGTACAGGACTTTCGGATTATGGGAGGCGGGATCCAGAG
 GGAAACCTGGATAAGCAGCTGAGCTTTAAGTGCAATGTTTCAAATACATTTTCGAGTCTG
 GCACTAAAGAATACTATTGTGGAGGCTTCTATTAGCTTCCCTCCCTTTTCTACCA
 AAGCAAAAAGAGAAGCTTCCAGCCACTGAAATTAACAAATTTGGCTGATGATGGA
 TTCCGCAATGGAAGCTTTTCCAGCCACTGAAATTAACAAATTTGGCTGATGATGGA
 AAACGACGTACTGTGTTACCCCTGTGATTCTACCAAAATAGATGGTGTGAATGTAGAT
 ACCCACCACATCCCTGTTAATGTGACACTGCGTGAATTGCACATGGAGCAGATGCTGTT
 GCAGCCCGGTGGGATTTTCGATTTGCTGAACGGACAAGGAGGCTGGAAGTCAGATGGGTGC
 CATATACTCTATTAGATGAAAATACACTACGATTCAGTGTACTCCCTTAGTAACTAT
 GCAGTTTTAATGGATTTGACGGGATCTGAACTATACACCAGGCGGCCAGCCTCTGCAT
 CCTGTGGTTTATACTACCGCTATCATTCTCTCTTATGTCTTTAGCCGTATTGTGAGT
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 TTGTGCTTTCATATTTTCTAACCTGTGTGGTCTTTGTGGGAGGAATAACCCAGACTAGG
 AATGCCAGCATCTGCCAAGCAGTTGGGATAATTCTTCACTATTCCACCCTTGCCACAGTA
 CTATGGGTAGGAGTGACAGCTCGAAATATCTACAAACAAGTCACTAAAAAAGCTAAAAGA
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 GGTGGTGGTATCCCCATCATTGTTTGGCGCATAACTGCAGCAGCGAACATTAAGAATTAC
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 CTTACTTTGCTCTTATATGTTGCACTGTGGATGTTTGGGCTTTGGCTGTTTCTTTGTAT
 TACCCTTTGGACTTGTTTTTAGCTTCGTTTTTGGAGCCACAAGTTTAAGCTTCAGTGCG
 TTCTTCGTGGTCCACCATTGTGTTAATAGGGAGGATGTTAGACTTGCGTGGATCATGACT
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 GGGACGAATGGAGAGGCACCCAATGCCCAATAGCAGTGGGAGTCTTCATGCACAAAC
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 GCTGCAGCTCAGTGCCATGCCAATTCCTTACCTTTGAACTCCACCCTCAGCTTGATAAT
 AGTCTGACAGAACATTCATGGACAATGATATTAATGACAGTGGCGCCTTTAGAAAGTT
 CAGTTTCGAACAAATGTGCACTCAAGCCGCCACCATAAAAACAGAAGTAAAGGACACCGG
 GCAAGCCGACTCACAGTCTGAGAGAATATGCCTACGATGCCAACGAGCGTGGAAAGGA
 AGCGTGCAGAACGGCTTACCTAAAAGCCGGCTGGGCAATAACGAAGGACACTCGAGGAGC
 CGAAGAGCTTATTTAGCCTACAGAGAGAGACAGTACAACCCACCCAGCAAGACAGCAGC
 GATGCTTGTAGCACACTCCCAAAAGTAGCAGAAATTTGAAAAGCCAGTTTCAACCACT
 AGTAAAAAAGATGCGTTAAGGAAGCCAGCTGTGGTTGAACTTAAAAATCAGCAAAAATCT
 TATGGCCTCAACTTGGCCATTGCAATGGACCAATTAAGCAATGGGCAGGAGGGACCC
 TTGCTCGGTACCGATAGCACTGGCAATGTTAGGACTGGATTATGGAACACGAAACTACT
 GTGTAA

Restriction Sites:

Please inquire

ACCN:

NM_145290

Insert Size:

4600 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:	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:	<u>NM_145290.2</u> , <u>NP_660333.2</u>
RefSeq Size:	4576 bp
RefSeq ORF:	3966 bp
Locus ID:	166647
UniProt ID:	<u>Q8IWK6</u>
Cytogenetics:	4p15.2
Domains:	IG
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	This gene encodes a member of the G protein-coupled receptor superfamily. This membrane protein may play a role in tumor angiogenesis through its interaction with the human homolog of the Drosophila disc large tumor suppressor gene. This gene is mapped to a candidate region of chromosome 4 which may be associated with bipolar disorder and schizophrenia. [provided by RefSeq, Oct 2012]