

Product datasheet for **SC213837**

GNDF Receptor alpha 2 (GFRA2) (NM_001495) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | GNDF Receptor alpha 2 (GFRA2) (NM_001495) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | GFRA2 |
| Synonyms: | GDNFRB; NRTNR-ALPHA; NTNRA; RETL2; TRNR2 |
| ACCN: | NM_001495 |
| Insert Size: | 2000 bp |



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Insert Sequence: >SC213837 3'UTR clone of NM_001495
 The sequence shown below is from the reference sequence of NM_001495. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTGTCCCTGATGCTGAAACTGGCCTTGTAGGCTGTGGAAACCGAGTCAGAATATTTTTGAAAGCTACGC
AGACAAGAACAGCCGCTGACGAAATGGAAACACACACAGACACACACACACCTTGCAAAAAAAAAAATT
GTTTTTCCACCTTGTGCTGAACCTGTCTCTCCAGGTTTCTTCTCTGGAGAAGTTTTGTAAACCA
AACAGACAAGCAGGCAGGCAGCCTGAGAGCTGGCCAGGGGTCCCTGGCAGGGGAAACTCTGGTCCCG
GGGAGGGCAGGAGCTCTAGAAATGCCCTTCACTTTCTCTGGTGTCTCTCTGGACCTTCTGAA
GCAGAGACCGACAAGAGCCTGCAGCGGAAGGACTCTGGGCTGTGCCTGAGGCTGGCTGGGGCAGGA
CAACACAGCTGCTCCCCAGGCTGCCACTCTGGGACCCGCTGGGGCTGGCAGAGGGCATCGGTGAG
CGGGCAGCGGGCTGGCCATGAGGGTCCACTTCAAGCCTTTGGCTTCAAGGATGGAGATGGTTTTGC
CCTCCCTCTCTGCCCTCGGGTGGGGCTGGTGGGTCTGCAGCTGGTGTGGGAACTTCCCCACGGATGGCG
GTGGAGGGGGTTCGCACCGTGTGGGCTCCCCCTGACTGTAGCACGGAGTGTGGGGCTGGGGGCCAGC
TCCAGGAGGGCTTGGAGCTCAGCCTGCCTGGGAGAGCCCTTGTGGCGAGGCATTAAGCTTGGGCACC
AGCTTCTTTCTCGGTGGCAGAAATTTGAAGTCAGAGAGAAACGGTCTTTGTTGGCTTCTTTGCTTTC
TCGTGGGTCTTTGGCAGGCCTCCCTTTGGGGAGAGGGAGGGGAGAGACCACAGCCGGGTGTGTCTG
CAGCACCGTGGGCCCTCAAGCTTTCCTGCTGTCTTCTCCCTCCTCCTTTCCCTTTCTTTCTTCTC
ATTTCTAGACGTACGTCAACTGTATGTACATACCGGGGCTCCTCCTAACATATATGTATATACACA
TCCATATACATATATTGTGTGGTTTCCCTTTCTTTCTTTTAAAGCAACAAACTATGGAAATAAT
ACCCCAACAGATGAGCGAAAATGTATTATTGTAAGTTTATTTTTTTAATACTGTTGTCTATAATGGG
GAAAAAGGACATTGGCCCGCAGTGCCTGCCAGTCAGCCTGGCTGGGCTCTGGTGGGGCTCTGA
TCCGCATCCAAGCTTAACCAAGGCTCCAATAAACGTGCTAGGAAGCAAGCTGCCTCTGCCTCGTCCCG
TGGGGTTTTGCCCCATTTTGTCTTGGTCCAGTGTACCTGCGTAAGTGGAGCTCCAGTGGGCTGGG
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TTGTGTGTAGATGGAGCTCTCTTAGGAGCTGGTTGACACTGGGGCGGGATCTGAGGGTCCACGCTGT
GCTGAGCCTGGTGGGCTGTCTGTCCCTTTGCTCACTTCTCCAGTTGGCGCAATGCCTGTGGCTC
CCAGGCTGGAAGAGAATGCAAGTGGACGTGGACGTGGTGGGGAGCCACAGCTTGGCATCACACGTTGGGA
ATGTTTTATTGTGAGGCTGTCTGGGTGGCCTGTTAGTCTTACATAGAGCAAAGTGGTATGTCCCTCTG
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AGAAGGACATGACTGTGCATGTTCTGGGGTCAAGTGTGAAAGCATAAGTATTTTTGGGTCTCCCTCT
ATTCTTCTTTCTGTTTCTCCATTTGCTACCCAGGCCCACTTGGACACTAGGCTGCCATAGTCTC
CAAGAGAGATTCTCCCAGAGAGGACCAGGAGAATGCCTGCTGGCCAAGTGTGTGTGTGTCCATGTAT
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001495.5](#)

Summary:

Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This encoded protein acts preferentially as a receptor for NTN compared to its other family member, GDNF family receptor alpha 1. This gene is a candidate gene for RET-associated diseases. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Locus ID:

2675

MW:

73.3