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Product datasheet for SC213836

GDNF Receptor alpha 2 (GFRA2) (NM_001165038) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GDNF Receptor alpha 2 (GFRA2) (NM_001165038) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GFRA2
Synonyms:	GDNFRB; NRTNR-ALPHA; NTNRA; RETL2; TRNR2
ACCN:	NM_001165038
Insert Size:	2000 bp

View online »

Insert Sequence:

>SC213836 3'UTR clone of NM_001165038
The sequence shown below is from the reference sequence of NM_001165038. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTGTCCTGATGCTGAAACTGGCCTTGTAGGCTGTGGGAACCGAGTCAGAATATTTTTGAAAGCTACGC
AGACAAGAACAGCCGCCTGACGAAATGGAAACACACACAGACACACACACACCTTGCAAAAAAAAAATT
GTTTTTCCCACCTTGTCGCTGAACCTGTCTCCTCCCAGGTTTCTTCTCTGGAGAAGTTTTTGTAAACCA
AACAGACAAGCAGGCAGGCAGCCTGAGAGCTGGCCCAGGGGTCCCCTGGCAGGGGAAACTCTGGTGCCG
GGGAGGGCACGAGGCTCTAGAAATGCCCTTCACTTTCTCCTGGTGTTTTTCTCTCTGGACCCTTCTGAA
GCAGAGACCGGACAAGAGCCTGCAGCGGAAGGGACTCTGGGCTGTGCCTGAGGCTGGCTGGGGGCAGGA
CAACACAGCTGCTTCCCCAGGCTGCCCACTCTGGGGACCCGCTGGGGGCTGGCAGAGGGCATCGGTCAG
CGGGGCAGCGGGGCTGGCCATGAGGGTCCACCTTCAGCCCTTTGGCTTCAAGGATGGAGATGGTTTTGC
CCTCCCTCTCTGCCCTCGGGTGGGGCTGGTGGGTCTGCAGCTGGTGTGGGAACTTCCCCACGGATGGCG
GTGGAGGGGGTTCGCACCGTGCTGGGCTCCCCCTGACTGTAGCACGGAGTGTTGGGGCTGGGGGCCAGC
TCCAGGAGGGCTTGAGAGCTCAGCCTGCCTGGGAGAGCCCTTGTGGCGAGGCATTAAAACTTGGGCACC
AGCTTCTTTCTCGGTGGCAGAAATTTTGAAGTCAGAGAGAAACGGTCCTTTGTTGGCTTCTTTGCTTTC
TCGTGGGTCCTTTGGCAGGCCTCCCTTTGGGGAGAGGGAGGGGAGAGACCACAGCCGGGTGTGTGTCTG
CAGCACCGTGGGCCCTCAAGCTTTCCTGCTGTCTTCTCCCTCCTCCTCCTTTCCCCTTTCTCTTTCCTC
ATTTCCTAGACGTACGTCAACTGTATGTACATACCGGGGCTCCTCTCCTAACATATATGTATATACACA
TCCATATACATATATTGTGTGGTTTCCCCTTTCTTTCCTTTTTTTAAGCAACAAAACTATGGAAATAAT
ACCCCAACAGATGAGCGAAAATGTATTATTGTAAAGTTTATTTTTTTTAATACTGTTGTCTATAATGGG
GAAAAAGGACATTGGCCCCGCAGTGCCCTGCCCCAGTCAGCCTGGCTGGGCTCTGGTGGGGGCTCCTGA
TCCGCATCCAAGCTTAACCAAGGCTCCAATAAACGTGCTAGGAAGCAAGCTGCCTCTGCCTCGGTCCCG
TGGGGTTTTGCCCCCATTTTGTTCTTGGTCCAGTGTTACCTGCGTAAGTGGAGCTCCCAGTGGGCTGGG
GAAATGTGTGTCCGTGTGTGTGCCTGTGTGCATGTGTGTGCATCCATGTGTCTCACCCATGTGTCCACA
TTGTGTGTAGATGGAGCTCTCTTAGGAGCTGGTTTGACACTGGGGGCGGGATCTGAGGGTCCACGCTGT
GCTGAGCCTGGTGGGCTGTTCTGTTCCCTCTTTGCTCACTTCTCCAGTTGGCGCAAATGCCTGTGGCTC
CCAGGCTGGAAGAGAATGCAGTGGACGTGGACGTGGTGGGGAGCCACAGCTTGGCATCACACGTTGGGA
ATGTTTTATTGTCAGGCTGTCTGGGTGGCCCTGTTAGTCTTACATAGAGCAAAGTGGTATGTCCCTCTG
GGACTCCTGGCTTATTTGAGATGTGTGATTGTGAGTGCAGTGACCTGGCCTTTTGGGTCCCACCAGAGA
AGAAGGACATGACTGTGCATGTTCTGGGGTCATGGTCTGAAAGCATAAGTATTTTTTGGGTCTCCCTCT
ATTCCTTCCTTTCCTGTTTCTCCATTTGCTACCCAGGCCCCACTTGGACACTAGGCCTGCCATAGTCTC
CAAGAGAGATTCTCCCCAGAGAGGACCAGGAGAATGCCTGCTGGCCAAGTGTGTGTGTGTCCATGTAT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_001165038.2

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