

Product datasheet for **SC122598**

GFR alpha 3 (GFRA3) (NM_001496) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GFR alpha 3 (GFRA3) (NM_001496) Human Untagged Clone
Tag:	Tag Free
Symbol:	GFR alpha 3
Synonyms:	GDNFR3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001496 edited
 CCGAGCCCGCGCCTACAGCTCGCCATGGTGCGCCCCCTGAACCCGCGACCGCTGCCGCC
 CGTAGTCTGATGTTGCTGCTGCTGCTGCCGCCGTCGCCGCTGCCTCTCGCAGCCGGAGA
 CCCCCTTCCCACAGAAAGCCGACTCATGAACAGCTGTCTCCAGGCCAGGAGGAAGTGCCA
 GGCTGATCCCACCTGCAGTGTGCTACCACCCTGGATTCTGCACCTTAGCATAAG
 CACCCCACTGCCCTCAGAGGAGCCTTCGGTCCCTGCTGACTGCCCTGGAGGCAGCACAGCA
 ACTCAGGAACAGCTCTCTGATAGGCTGCATGTGCCACCCGCGCATGAAGAACCAGGTTGC
 CTGCTTGGACATCTATTGGACCGTTCACCGTGCCCGCAGCCTTGGTAACTATGAGCTGGA
 TGTCTCCCCCTATGAAGACACAGTGACCAGCAAACCCTGAAAAATGAATCTCAGCAAACCT
 GAACATGCTCAAACCAGACTCAGACCTCTGCCTCAAGTTTGCCATGCTGTGTAAGTCTCAA
 TGACAAGTGTGACCGGCTGCGCAAGGCCTACGGGGAGGCGTGCTCCGGGCCCCACTGCCA
 GCGCCACGTCTGCCTCAGGCAGCTGCTCACTTTCTTCGAGAAGGCCGCGAGCCCCACGC
 GCAGGGCTGCTACTGTGCCATGTGCCCAACGACCGGGCTGCGGGGAGCGCCGGCG
 CAACACCATCGCCCCAAGTGCAGCTGCCGCTGTGGCCCCAAGTGCCTGGAGCTGCG
 GCGCCTGCTTCTCCGACCCGCTTTCAGATCACGCCTGGTGGATTTCCAGACCCACTG
 CCATCCCATGGACATCCTAGGAAGTGTGCAACAGAGCAGTCCAGATGTCTACGAGCATA
 CCTGGGGCTGATTGGGACTGCCATGACCCCAACTTTGTGAGCAATGTCAACACCAGTGT
 TGCCCTAAGTGCACCTGCCGAGGAGTGGCAACCTGCAGGAGGAGTGTGAAATGCTGGA
 AGGGTTCTTCTCCACAACCCCTGCCTCACGGAGGCCATTGCAGCTAAGATGCGTTTTCA
 CAGCCAACTCTTCTCCAGGACTGGCCACACCCCTACCTTTGCTGTGATGGCACACCAGAA
 TGAAAACCCTGCTGTGAGGCCACAGCCCTGGGTGCCCTCTTTTTCTCCTGCACGCTTCC
 CTTGATTCTGCTCCTGAGCCTATGGTAGCTGGACTTCCCAGGGCCCTTCCCCCTCCAC
 CACACCAGGTGGACTTGCAGCCACAAAGGGGTGAGGAAAGGACAGCAGCAGGAAGGAGG
 TGCAGTGCAGATGAGGGCACAGGAGAAGCTAAGGGTTATGACCTCCAGATCCTTACTG
 GTCAGTCTCATTCCCTCCACCCATCTCCACTTCTGATTATGCTGCCCTCCTTGGT
 GGCCACAATTTAGCCATGTCATCTGGTGGTGACCAGCTCCACCAAGCCCTTTCTGAGCC
 CTTCTCTTGACTACCAGGATCACCAGAATCTAATAAGTAGCCTTTCTCTATTGCATTC
 CAGATTAGGGTATGGTAGGGAGGACTGGGTGTTCTGAGGCAGCCTAGAAAGTATTCTC
 CTTTGTGAAGAAGGCTCCTGCCCTCGTCTCCTCCTCTGAGTGGAGGATGAAAACTAC
 TGCCCTGCACTGCCCTGTCCCGGATCCTGCCGAACATCTGGGCATCAGGAGCTGGAGCCT
 GTGGCCCTTGCTTATTCTATTATTGCTCTAAAGTCTCTCTGGGCTCTTGGATCATGAT
 TAAACCTTTGACTTAA
 AAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_001496 unedited
 TCTTANAATNNGNNAACCNACTTTTTATAGGGCGGCGGATCCCCGGATCGGAGC
 CCGGCGCCTACGCTCGCCTGGTGCGCCCCCTGAACCCGCGACCGCTGCCGCCGTAGTCC
 TGATGTTGCTGCTGCTGCTGCCGCGTCCCGCTGCCTCTCGCAGCCGGAGACCCCTTC
 CCACAGAAAGCCGACTCATGAACAGCTGTCTCCAGGCCAGGAGGAAGTGCCAGGCTGATC
 CCACCTGCAGTGTGCTACCACCCTGGATTCTGCACCTTAGCATAAAGCACCCAC
 TGCCCTCAGAGGAGCCTTCGGTCCCTGCTGACTGCCTGGAGGCAGCACAGCAACTCAGGA
 ACAGCTCTCTGATAGGCTGCATGTGCCACCGCGCATGAAGAACCAGGTTGCCTGCTTGG
 ACATCTATTGGACCGTTCACCGTCCCGCAGCCTTGGTAACTATGAGCTGGATGTCTCCC
 CCTATGAAGACACAGTGACCAGCAAACCCTGAAAAATGAATCTCAGCAAACCTGAACATGC
 TCAAACCAGACTCAGACCTCTGCCTCAAGTTTGCCATGCTGTGTAAGTCTCAATGACAAGT
 GTGACCGCTGCGCAAGGCTACGGNGAGGCGTGTCCGGGCCCACTGCCAGCGCCACG
 TCTGCCTCATGCAGCTGCTCACTTTCTTCGAGAATGCCGCGGAGCCCCACGCGCATGGCC
 TGCTACTGTGCCATGTGCCCAACGACCGGGGCTGCGGNGAGCGCCCGCGCATACCA
 TCGCCCCCACTGCGCGCTGCCGCTGTGGCCCCCACTGCCTGGNAGCTGCGCGCCTCTGC
 TTCTCCGACCCGCTTTCAGATCACGCCTGGNTGGATTNCAGACCACTGNCATCCCATGG
 ACATCTAGNAAGTGTGCACAGAGCAGTCCAGTGTCTACGAGCTACCTGGG

Restriction Sites:	Please inquire
ACCN:	NM_001496
Insert Size:	1865 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).
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_001496.3 , NP_001487.2
RefSeq Size:	1980 bp
RefSeq ORF:	1203 bp
Locus ID:	2676
UniProt ID:	O60609
Cytogenetics:	5q31.2
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor and a member of the GDNF receptor family. It forms a signaling receptor complex with RET tyrosine kinase receptor and binds the ligand, artemin. [provided by RefSeq, Jul 2008]