

Product datasheet for **RC220999**

C9orf127 (TMEM8B) (NM_001042589) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf127 (TMEM8B) (NM_001042589) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C9orf127
Synonyms:	C9orf127; FP588; LINC00950; NAG-5; NAG5; NGX6; NGX6a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC220999 representing NM_001042589
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAACATGCCCCAGTCCCTGGCAACCCAGCCACTGCCCCAGAACCGCCATCCCTTGGAAACCCTGCGG
 AGGGCCCTGGGACCACGTCCCCACCCGAGCACTGCTGGCCAGTGCGCCCGACTCTGCGCAACGAGCTGGA
 CACCTTCTCTGTCCACTTCTACATCTTCTTTGGCCCAAGTGTGGCCCTTCCCCCTGAGCGCCAGCCGTG
 TTCGCCATGAGGCTGTTGCCAGTCTGGACAGTGGAGGCGTCTCAGCCTGGAGCTCCAGCTCAATGCGA
 GCTCCGTGCGCCAGGAAAACGTGACGGTGTGGATGCTTACTCAGGAGTGCCTTGAGCCTGGGGGA
 TGCAGCAGTACCTGTTCCAAAGAGTCCCTGGCCGGCTTCTCCTCTCTGTCACTGCCACCACAGGGTT
 GCCAGGCTGCGAATCCCATTCCCGCAGACGGGACCTGGTTCTGGCCCTCCGCTCCCTGTGCGGGGTGG
 GGCCTCGGTTCTGCGGTGCCGAACCGCAGCGCCGAGGTGCGGATGCGCACCTTCTGTCCCCATGCGT
 GGACGACTGCGGGCCCTACGGCCAGTGAAGCTGCTGCGCACACAATTATCTGTACGCAGCCTGCGAG
 TGAAGGCCGGGTGGAGAGGCTGGGGCTGCACCGACAGTGCAGATGCGCTCACCTATGGATTCCAGCTGC
 TGTCACACTCCTGCTCTGCCTGAGCAACCTCATGTTTCTGCCACCTGTGGTCTGGCCATTGCGAGTCG
 ATATGTGCTGGAAGCTGCAGTCTACACCTTACCATGTTCTTCTCCACGTTCTATCATGCCTGTGACCAG
 CCAGGCATCGTGGTTTTCTGCATCATGGACTACGATGTGCTGCAGTTCTGTGATTTCTGGGCTCCTTAA
 TGTCCGTGTTGGTCACTGTCAATGGCATGGCTCGTTTACAGCCCGTGGTCAAGCAGGTGCTGATTTGCT
 GGGAGCTATGTGCTGTCCATGGCTCTGCAGCTTGACCGACATGGACTCTGGAACCTGCTGGACCCAGT
 CTCTTCGCCCTGGGGATCTTGGCCACAGCCTGGACAGTACGCAGCGTCCGCCCGCCGACTGTACCCAC
 CCACGTGGCGCCGCTGGCTTTTCTACTTGTGCCCTGACGCTTATTGCAGGCAGTCCGCTCCTGCTTTA
 TGCTTTTGTGGAGACCCGGGACAACACTTCTACATTACAGCATTGGCATATGCTCATTGCGGGCAGT
 GTGGGTTCTGCTGCCCCCTCGTGCCAAGACTGACCACGGGGTCCCATCTGGAGCCCGGGCCGGGGCT
 GTGGTTACCAGCTATGCATCAACGAGCAGGAGGAGCTGGGCTCGTGGGCCAGGAGGGGCCACTGTGAG
 CAGCATCTGTGCCAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220999 representing NM_001042589
 Red=Cloning site Green=Tags(s)

MNMPQSLGNQPLPPEPPSLGTPAEGPGTSPPEHCWPVRPTLRNELDTFSVHFYIFFGPSVALPPERPAV
 FAMRLLPVLDSSGVLSELEQLNASSVRQENVTVFGCLTHEVPLSLGDAAVTCSKESLAGFLLSVSATTRV
 ARLRIPFPQTGTWFLALRSLCGVGRFVRCRNATAEVRMRTFLSPCVDDCGPYGQCKLLRTHNYLYAAACE
 CKAGRWGCTDSADALTYGFQLLSTLLCLSNLMFLPPVVLAIERSRYVLEAAVYFTMFFSTFYHACDQ
 PGIIVVFCIMDYDVLQFCDFLGSLSVWVTVIAMARLQPVKQVLYLLGAMLLSMALQLDRHGLWNLLGPS
 LFALGILATAWTVRSVRRRHCPPTWRRWLFYLCPSGLIAGSAVLLYAFVETRDNYFYIHSIWHMLIAGS
 VGFLPPRAKTDHGVPSGARARGCYQLCINEQEELGLVPGGATVSSICAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8062_b09.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001042589

ORF Size: 1416 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001042589.2](#), [NP_001036054.1](#)

RefSeq Size: 3481 bp

RefSeq ORF: 1419 bp

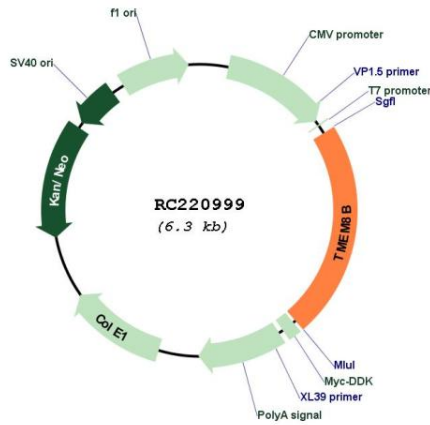
Locus ID: 51754

UniProt ID: [A6NDV4](#)

Cytogenetics: 9p13.3

Protein Families: Transmembrane
MW: 51.9 kDa
Gene Summary: May function as a regulator of the EGFR pathway. Probable tumor suppressor which may function in cell growth, proliferation and adhesion.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC220999