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Product datasheet for SC329468

GNG10 (NM_001198664) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: GNG10 (NM_001198664) Human Untagged Clone

Tag: Tag Free

Symbol: GNG10

Vector: pCMV6-Entry (PS100001)

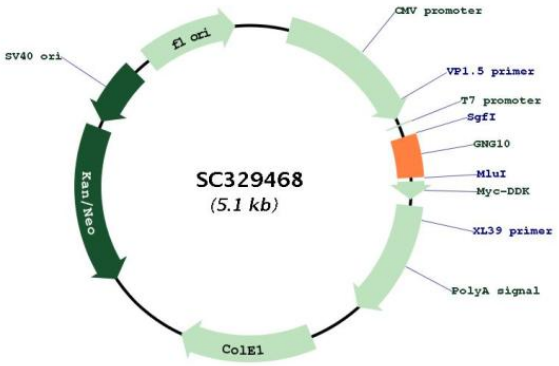
Fully Sequenced ORF:

>SC329468 representing NM_001198664.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTCCTCCGGGGCTAGCGCGAGCGCCCTGCAGCGCTTGGTAGAGCAGCTCAAGTTGGAGGCTGGCGTG
GAGAGGATCAAGGTCTCTCAGGCAGCTGCAGAGCTTCAACAGTACTGTATGCAGAATGCCTGCAAGGAT
GCCCTGCTGGTGGGTGTTCCAGCTGGAAGTAACCCCTTCCGGGAGCCTAGATCCTGTGCTTTACTCTGA

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001198664

Insert Size: 207 bp

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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:	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_001198664.1
RefSeq Size:	1266 bp
RefSeq ORF:	207 bp
Locus ID:	2790
UniProt ID:	P50151
Cytogenetics:	9q31.3
Protein Families:	Druggable Genome
Protein Pathways:	Chemokine signaling pathway
MW:	7.2 kDa
Gene Summary:	Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. Interacts with beta-1 and beta-2, but not with beta-3.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 3' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.