

Human GRN ORF

Catalog Number: HG10826-M



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Bank Ref. ID : NM_002087.2

ORF Size: 1782

Gene Name Synonym:

GEP; GP88; PEPI; PGRN; PCDGF; GRN

Source: Human

Description

ORF Description:

ORF Clone of Homo sapiens granulin DNA.

Vector :

Commercial available pMD Vector

Sequence Description:

Identical with the Gene Bank Ref. ID sequence except for the point mutation 384T/C not causing the amino acid variation.

Shipping

5-10µg Plasmid DNA is shipped on Whatman FTA elute card (Cat. No.: WB120410) at room temperature.

It would take 3-5 days for delivery typically. For bulk orders, additional 1-2 weeks would be needed.

Usage Protocol

1. Remove the marked edge in the center of the spot.
2. Transfer the filter paper to a 1.5ml microfuge tube containing 50-100 µl of sterile H₂O Ensure the filter is completely immersed in the H₂O by briefly centrifuging the tube for 10 seconds.
3. Transfer the tube to a heating block at 95°C for 15–30 min
4. At the end of the incubation period remove the sample from the block and pulse vortex, or gently tap, the sample approximately 60 times
5. Briefly centrifuge for 30 seconds, to separate the matrix from the elute. The elute now contains the purified DNA

ORF Sequence and Quality Control

Sequence:

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ATGTGGACCCCTGGTGAGCTGGGTGGCCCTAACAGCAGGGCTGGTGGCTGG
AACGCGGTGCCAGATGGTCAGTTCTGCCCTGTGGCCTGCTGCCTGGACC
CCGGAGGAGCCAGCTACAGCTGCTGCCGTCCCCTTCTGGACAAATGGCCCC
ACAACACTGAGCAGGCATCTGGGTGGCCCTGCCAGGTTGATGCCCACTG
CTCTGCCGGCCACTCTGCATCTTTACCGTCTCAGGGACTTCCAGTTGCTG
CCCCTTCCAGAGGCCGTGGCATGCGGGGATGGCCATCACTGCTGCCAC
GGGGCTTCCACTGCAGTGACAGCGGGGATCCTGCTTCCAAAGATCAGGTA
ACAACTCCGTGGGTGCCATCCAGTGCCCTGACAGTCAGTTCCAATGCCCGG
ACTTCTCCACGTGCTGTATTGGTGCATGGCTCCTGGGGTGTGCTGCCCA
TGCCCCAGGCTTCTGCTGTAAGACAGGGTGCAGTCTGCTCCGACGGT
GCCTTCTGCGACCTGGTTCACACCCGCTGCATCACACCACGGGACCCCA
CCCCCTGGCAAAGAAGCTCCCCTGCCAGAGGACTAACAGGGCAGTGGCCT
TGTCAGCTCGGTTCATGTGTCGGGACGCACGGTCCCCTGGCCCTGATGGTT
CTACCTGCTGTGAGCTGCCAGTGGGAAGTATGGCTGCTGCCAATGCCCA
ACGCCACTGCTGCTCCGATCACCTGCAGTCTGCCCCAAGACACTGTGT
GTGACCTGATCCAGAGTAAGTGCCTCTCCAAGGAGAAGGCTACCACGGACC
TCCTCACTAAGCTGCCTGCGCACACAGTGGGGGATGTGAAATGTGACATGG
AGGTGAGCTGCCAGATGGCTATACCTGCTGCCGTCTACAGTCGGGGGGCT
GGGGCTGCTGCCCTTTTACCCAGGCTGTGTGCTGTGAGGACCACATACT
GCTGTCCCGCGGGTTTACGTGTGACAGCGAGGGAAGGTTACCTGTGACAG
GGGCCCCACCGGTGCCCTGGATGGAGAAGGCCCCAGCTCACCTCAGCCT
GCCAGACCCACAAGCCTTGAAGAGAGATGTCCTCCTGTGATAATGTACAGC
CTGTCCCTCCTCCGATACCTGCTGCCAACTCAGCTCTGGGGAGTGGGGCTG
CTGTCCAATCCAGAGGCTGTCTGCTGCTCGGACCACAGCACTGCTGCC
CCAGGGCTACAGTGTGTAGCTGAGGGGCAAGTGTACAGGAGGAAGCGAGA
TCGTGGCTGGACTGGAGAAGATGCCTGCCCGCGGGCTTCTTATCCACC
CCAGAGACATCGGCTGTGACCAGCACACCAGCTGCCCGGTGGGGCAGACC
TGCTGCCCGAGCCTGGGTGGGAGCTGGGGCTGCTGCCAGTTGCCCCATGC
TGTGTGCTGCGAGGATCGCCAGCACTGCTGCCCGGCTGGCTACACCTGCA
ACGTGAAGGCTCGATCTGCGAGAGAAGGAAGTGGTCTCTGCCAGCCTGCC
ACCTTCTGGCCCTAGCCCTCACGTGGGTGTGAAGGACGTGGAGTGTGG
GGAAGGACTTCTGCCATGATAACCAGACCTGCTGCCGAGACAACCCGACA
GGGCTGGGCTGCTGTCCCTACCGCCAGGGCGTCTGTTGTGCTGATCGGC
GCCACTGCTGCTGCTGGCTTCCGCTGCGCAGCCAGGGGTACCAAGTGT
TGCGCAGGAGGCCCGCGCTGGGACGCCCTTTGAGGGACCCAGCCTTG
AGACAGCTGCTGTGA
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Quality Control:

The sequencing result is available upon request.