

Human ECGF1 ORF

Catalog Number: HG10432-M



General Information

Gene Bank Ref. ID : NM_001953.3

ORF Size: 1449

Gene Name Synonym:

TP; ECGF1; MNGIE; PDECGF; hPD-ECGF; TYMP

Source: Human

Description

ORF Description:

ORF Clone of Homo sapiens thymidine phosphorylase DNA.

Vector :

Commercial available pMD Vector.

Sequence Description:

Identical with the Gene Bank Ref. ID sequence except for the point mutation 972 C/T 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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ATGGCAGCCTTGATGACCCCGGGAACCGGGGCCCCACCCGCGCCTGGTGA
CTTCTCCGGGGAAGGGAGCCAGGGACTTCCCGACCCCTTCGCCAGAGCCCA
AGCAGCTCCCGAGCTGATCCGCATGAAGCGAGACGAGGCCGCGCTGAGC
GAAGCGGACATCAGGGGCTTCGTGGCCGCTGTGGTGAATGGGAGCGCGCA
GGGCGCACAGATCGGGGCCATGCTGATGGCCATCCGACTTCGGGGCATGG
ATCTGGAGGAGACCTCGGTGCTGACCCAGGCCCTGGCTCAGTCGGGACAG
CAGCTGGAGTGCCAGAGGCTGGCGCCAGCAGCTTGTGGACAAGCATTTC
CACAGGGGGTGTGGGTGACAAGGTGAGCCTGGTCTCGCACCTGCCCTGG
CGGCATGTGGCTGCAAGGTGCCAATGATCAGCGGACGTGGTCTGGGGCAC
ACAGGAGGCACCTTGGATAAGCTGGAGTCTATTCTGGATTCAATGTCATCC
AGAGCCAGAGCAGATGCAAGTGCTGCTGGACCAGGCGGGCTGCTGTATC
GTGGGTGAGAGTGAGCAGCTGGTTCTGCGGACGGAATCCTATATGCAGCC
AGAGATGTGACAGCCACCGTGGACAGCCTGCCACTCATCACAGCCTCCATT
CTCAGTAAGAACTCGTGGAGGGGCTGTCCGCTCTGGTGGTGGACGTTAAG
TTCGAGGGGCGCGCTCTTCCCAACAGGAGCAGGCGCGGAGCTGG
CAAAGACGCTGGTTGGCGTGGGAGCCAGCCTAGGGCTTCGGGTGCGGGCA
GCGCTGACCGCCATGACAAAGCCCTGGGTGCTGCGTGGGCCACGCCCT
GGAGGTGGAGGAGGCGCTGCTGTCATGGACGGCGCAGGCCCGCCAGAC
TTAAGGGACCTGGTCACACGCTCGGGGGCGCCCTGCTGGCTCAGCGG
ACACGCGGGGACTCAGGCTCAGGGCGCTGCCGGGTGGCCGCGGCGCTG
GACGACGGCTCGGCCCTTGCCGCTTCGAGCGGATGCTGGCGGCGCAGG
GCGTGGATCCCGGTCTGGCCCGAGCCCTGTGCTCGGGAAGTCCCGCAGAA
CGCCGGCAGCTGCTGCTCGCGCCGGGAGCAGGAGAGCTGCTGGCGC
CCGCAGATGGCACCGTGGAGCTGGTCCGGGCGCTGCCGCTGGCGCTGCT
GCTGCACAGCTCGGGGCGGGCGCAGCGCGCTGGGGAGCCGCTCCGC
CTGGGGGTGGGCGCAGAGCTGCTGGTCGACGTGGGTGAGAGGCTGCGCC
GTGGGACCCCTGGTCCGCGTGACCGGGACGGCCCCGCGCTCAGCGG
CCCGCAGAGCCGCGCCCTGCAGGAGGCGCTCGTACTCTCCGACCGCGCG
CCATTGCGCGCCCTCGCCCTTCGAGAGCTCGTTCTGCCCGCGCAGCA
ATAA
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Quality Control:

The sequencing result is available upon request.