

Catalog Number: HG11727-G

General Information

Gene Bank Ref. ID : NM_000454

cDNA Size: 465

Gene Name Synonym :

IPOA

Source: Human

Description

cDNA Description :

ORF Clone of Homo sapiens superoxide dismutase 1, soluble DNA.

Vector :

pGEM vector.

Sequence Description :

Identical with the Gene Bank Ref. ID sequence.

Shipping

1. 5 - 10µg Plasmid DNA is shipped on Whatman FTA elute card (Catalog Number: WB120410) at room temperature.
2. 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.

cDNA Sequence and Quality Control

Sequence :

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ATGGCGACGAAGGCCGTGTGCGTGCTGAAGGGCGACGGCCAGTGCAGGGCA
TCATCAATTTTCGAGCAGAAGGAAAGTAATGGACCAAGTGAAGGTGTGGGGAAGC
ATTAAGGACTGACTGAAGGCCTGCATGGATTCCATGTTTCATGAGTTTGGAGAT
AATACAGCAGGCTGTACCAAGTGCAGGTCCTCACTTTAATCCTCTATCCAGAAAAC
ACGGTGGGCCAAAGGATGAAGAGAGGCATGTTGGAGACTTGGGCAATGTGACT
GCTGACAAAGATGGTGTGGCCGATGTGTCTATTGAAGATTCTGTGATCTCACTC
TCAGGAGACCATTGCATCATTGGCCGCACACTGGTGGTCCATGAAAAAGCAGAT
GACTTGGGCAAAGGTGGAATGAAGAAAGTACAAAGACAGGAAACGCTGGAAG
TCGTTTGGCTTGTGTTGTAATTGGGATCGCCCAATAA
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Quality Control:

The sequencing result is available upon request.