

Datasheet for ABIN4927197

Human LOC152586 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	GL54D (LOC152586)
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human MGAT4D with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1125 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAGGACCA AGCAGGTGAA CTTGCTGATC ACCCTGGTCG CCGTCGCGTT GTTCAGCTTC TCTTGCTTCT CCATCTACAG GATAACTCAA ACCAATAATC AATTAATTAA CTGTAGAAAC CATATTTTGG AGTTTAAAGA AAATATGCTA CACTTAAGAA ACAAACCTGA AAAAAATACC CAAGAGATGA TGAAAGTTTT GAATCGAATG AAGTATGAAA TTACAAAGAG AGAAATTTTG

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Product Details

TCAGGAAACT TAGTTGCACA GAAAGCAGAC ATATTAATA AAAATGAAAC AGTATCTAAT
ACATTTGAAG ACTTAAAGTT CTTTTTTCCT CATCTAAGGA AAGAAGGTAG AATTTATCCT
GATGTAATCA TTGGCAAAGG GAAAACTGGT GTTTCTTTTG CGCTGGGTAT TTCCACTGTT
AACAGAGGAA ATTATAGTTA CCTGAAACAG ACACTGACCT CTGTTGTCTC CAGGATGACG
CTCTCCAAG AGAAGGATTC TGTAGTGATT GTCTTGTTG CAGATAGTAA TGAAGATTAT
TTACATTCTG TTGTTAAAAT GATTACAAAA AAATTCAAAA GGCAAGTGAG GTCTGGATCC
TTAGAGGTCA TTTCAATACC TGCCTTTTTA TACTCAAGCA TGTTAAATGC CAAGCACTTA
GCTGAGGCCT CACAAAATT AGCCAGTTGG CGAATCAAAC AGGTATTGGA TTTTTCATT
TTGTTGCTGT ATGCCCAACC CAAGGCCAAG TATTATTTAC AGCTAGAAGA TGATATCATA
GCTAAAGAGA TGACTTTAC AAAAATAACA GATTTTGTAG GTAATATCAG TTCAAATAAT
TGGTTTTTTA TTGAGTTTTT AATGCTTGGT TTCATAGGAA AGCTGTTTAG ATCTGAGGAC
TTAACTCACT TTGTACGTT TTTTTAATG TTCTACAAAG AGAAACCCAT AACTGGCTC
TTGAATGACA TTTTTCAGGT AAAGGTGTGT GACGCAGGAG AAGATCTTAG AACTGTATG
AAACGAAAGA AGCAAATACG TATTCAGTAT AAACCTTCTC TTTTCCAGCA TGTGGGTATA
CATTTCATCAT TCCCTAGAAA AGAACAATAT GAAAAAAAAA TATGA

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

Sequencing Primer:

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene: GL54D (LOC152586)

Alternative Name: MGAT4D ([LOC152586 Products](#))

Gene ID: 152586

NCBI Accession: [NM_001277353](#)

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Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

Expiry Date: 12 months

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)