

# FABP12 cDNA

Catalog Number: ATGD0025

## PRODUCT INFORMATION

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**Catalog number**

ATGD0025

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_001098751.1

**Alternative Names**

**mRNA Refseq**

NM\_001105281.1

**OMIM**

**Chromosome location**

8q21.13

## PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

423bp

**Preparation before usage**

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

**Vector description**

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

**Cloning Vector**

pATGen (puc19-derived cloning vector)

**General Description**

FABP12 belongs to the calycin superfamily and fatty-acid binding protein (FABP) family. The fatty-acid-binding proteins (FABPs) are a family of carrier proteins for fatty acids and other lipophilic substances such as

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eicosanoids and retinoids. These proteins are thought to facilitate the transfer of fatty acids between extra- and intracellular membranes. FABP12 may play a role in lipid transport.

**DATA**

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**Sequence nucleotides**

```
ATGATTGACC AGCTCCAAGG AACATGGAAG TCCATTTCTT GTGAAAATTC CGAAGACTAC ATGAAGGAGC
TGGGTATAGG AAGAGCCAGC AGGAAACTGG GCCGTTTGGC AAAACCCACT GTGACCATCA GTACAGATGG
AGATGTCATC ACAATAAAAA CCAAAGCAT CTTTAAAAAT AATGAGATCT CCTTTAAGCT GGGAGAAGAG
TTTGAGGAAA TCACGCCAGG TGGCCACAAA ACAAAGAGTA AAGTAACCTT AGATAAGGAG TCCCTGATTC
AAGTTCAGGA CTGGGATGGC AAAGAAACCA CCATAACGAG AAAGCTGGTG GATGGGAAAA TGGTGGTGGA
AAGTACTGTG AACAGTGTTA TCTGTACACG AACATACGAG AAAGTATCAT CAAACTCAGT CTCAAACCTCT TAA
```

**Transaction Sequence**

```
MIDQLQGTWK SISCENSEDY MKELGIGRAS RKLGRLLAKPT VTISTDGDVI TIKTKSIFKN NEISFKLGEE FEEITPGGHK
TKSKVTLDE SLIQVQDWDG KETTITRKLK DGKMMVESTV NSVICRTRYE KVSSNSVSNS
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