## **PRODUCT INFORMATION**

Catalog number ATGD0025

Product type cDNA

**Species** Human

NCBI Accession No. NP\_001098751.1

**Alternative Names** 

**mRNA Refseq** NM\_001105281.1

#### ΟΜΙΜ

Chromosome location 8q21.13

# **PRODUCT SPECIFICATION**

### Formulation

Lyophilized

**Storage** Store the plasmid at -20C.

cDNA Size

423bp

### Preparation before usage

Centrifuge at 7000rpm for 1 minute.
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



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

#### Sequence nucleotides

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

#### **Transaction Sequence**

MIDQLQGTWK SISCENSEDY MKELGIGRAS RKLGRLAKPT VTISTDGDVI TIKTKSIFKN NEISFKLGEE FEEITPGGHK TKSKVTLDKE SLIQVQDWDG KETTITRKLV DGKMVVESTV NSVICTRTYE KVSSNSVSNS

