

TAL2 cDNA

Catalog Number: ATGD0375

PRODUCT INFORMATION

Catalog number

ATGD0375

Product type

cDNA

Species

Human

NCBI Accession No.

NP_005412.1

Alternative Names

mRNA Refseq

NM_005421.2

OMIM

186855

Chromosome location

9q32

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

327bp

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

TAL1 (also designated SCL) is a serine phosphoprotein and basic helix-loop-helix transcription factor known to

TAL2 cDNA

Catalog Number: ATGD0375

regulate embryonic hematopoiesis.

DATA

Sequence nucleotides

```
ATGACCAGGAAGATCTTCACAAATACCAGGGAGCGGTGGAGGCAGCAGAATGTCAACAGCGCCTTTGCCAAGCTGAGGAA
GCTCATCCCCACTCACCCCTCCAGACAAAAAGCTGAGCAAAAATGAAACGCTTCGCCTGGCAATGAGGTATATCAACTTCTTG
GTCAAGGTCTTGGGGGAGCAAAGCCTGCAACAAACGGGAGTGGCTGCTCAGGGGAACATTCTGGGGCTCTTCCCTCAAGG
ACCCACCTGCCAGGCCTGGAGGACAGAACTCTGCTTGAGAACTACCAGGTTCTTACCTGGTCCAAGCCACCACATTCCT
TAG
```

Transaction Sequence

```
MTRKIFTNTR ERWRQQNVNS AFAKLRKLIP THPPDKKLSK NETLRLAMRY INFLVKVLGEQSLQQTGVAA QGNILGLFPQ
GPHLPGLEDR TLENYQVPS PGPSHHIP
```