

SH2D1B cDNA

Catalog Number: ATGD0290

PRODUCT INFORMATION

Catalog number

ATGD0290

Product type

cDNA

Species

Human

NCBI Accession No.

NP_444512.2

Alternative Names

EAT2

mRNA Refseq

NM_053282.4

OMIM

608510

Chromosome location

1q23.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

399bp

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

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By binding phosphotyrosines through its free SRC homology-2 (SH2) domain, EAT2 regulates signal transduction through receptors expressed on the surface of antigen-presenting cells.

DATA

Sequence nucleotides

```
ATGGATCTGCCTTACTACCATGGACGTCTGACCAAGCAAGACTGTGAGACCTTGCTGCTCAAGGAAGGGGTGGATGGCAAC
TTTCTTTTAAGAGACAGCGAGTCGATACCAGGAGTCCTGTGCCTCTGTGTCTCGTTTAAAAATATTGTCTACACATACCGAAT
CTTCAGAGAGAAACACGGGTATTACAGGATACAGACTGCAGAAGGTTCTCCAAAACAGGTCTTCCAAGCCTAAAGGAACT
GATCTCCAAATTTGAAAAACCAAATCAGGGGATGGTGGTTCACCTTTTAAAGCCAATAAAGAGAACCAGCCCCAGCTTGAGA
TGGAGAGGATTGAAATTAGAGTTGAAACATTTGTGAACAGTAACAGCGATTATGTGGATGTCTTGCCTTGA
```

Transaction Sequence

```
MDLPYYHGRL TKQDCETLLL KEGVDGNFLL RDESIPGVL CLCVSFKNIV YTYRIFREKH GYYRIQTAEG SPKQVFPSLK
ELISKFEKPN QGMVVHLLKP IKRTSPSLRW RGLKLELETF VNSNSDYVDV LP
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