

FLOT2 cDNA

Catalog Number: ATGD0078

PRODUCT INFORMATION

Catalog number

ATGD0078

Product type

cDNA

Species

Human

NCBI Accession No.

NP_004466.2

Alternative Names

ECS-1, ECS1, ESA, ESA1, M17S1

mRNA Refseq

NM_004475.2

OMIM

131560

Chromosome location

17q11-q12

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1287bp

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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Caveolae are small domains on the inner cell membrane involved in vesicular trafficking and signal transduction. This gene encodes a caveolae-associated, integral membrane protein, which is thought to function in neuronal signaling.

DATA

Sequence nucleotides

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ATGGGCAATT GCCACACGGT GGGGCCCAAC GAGGCGCTGG TGGTTTCAGG GGGCTGTTGT GGTTCGACT
ATAAACAGTA CGTGTTCGCG GGCTGGGCCT GGGCCTGGTG GTGTATCTCC GACACTCAGA GGATTTCCTT
AGAGATTATG ACGTTGCAGC CCCGCTGCGA GGACGTAGAG ACGGCCGAGG GGGTAGCTTT AACTGTGACG
GGTGTGCGCC AGGTGAAGAT CATGACGGAG AAGGAACTCC TGGCCGTGGC TTGTGAGCAG TTTCTGGGTA
AGAATGTGCA GGACATCAAA AACGTCGTCC TGCAGACCCT GGAGGGACAT CTGCGCTCCA TCCTCGGGAC
CCTGACAGTG GAGCAGATTT ATCAGGACCG GGACCACTTT GCCAAGCTGG TGCGGGAGGT GGCAGCCCCT
GATGTTGGCC GCATGGGCAT TGAGATCCTC AGCTTCACCA TCAAGGACGT GTATGACAAA GTGGACTATC
TGAGCTCCCT GGGCAAGACG CAGACTGCCG TGGTGCAGAG AGATGCTGAC ATTGGCGTGG CCGAGGCTGA
ACGGGACGCA GGCATCCGGG AAGCTGAGTG CAAGAAGGAG ATGCTGGATG TGAAGTTCAT GGCAGACACC
AAGATTGCTG ACTCTAAGCG AGCCTTCGAG CTGCAAAAGT CAGCCTTCAG TGAGGAGGTT AACATCAAGA
CAGCTGAGGC CCAGTTGGCC TATGAGCTGC AGGGGGCCCG TGAACAGCAG AAGATCCGGC AGGAAGAGAT
TGAGATTGAG GTTGTGCAGC GCAAGAAACA GATTGCCGTG GAGGCACAGG AGATCCTGCG TACGGACAAG
GAGCTCATCG CTACAGTGCG CCGGCCTGCC GAGGCCGAGG CCCACCGCAT CCAGCAGATT GCCGAGGGTG
AAAAGGTGAA GCAGGTCCTC TTGGCACAGG CAGAGGCTGA GAAGATCCGC AAAATCGGGG AGGCGGAAGC
GGCAGTCATC GAGGCGATGG GCAAGGCAGA GGCTGAGCGG ATGAAGCTCA AGGCAGAAGC CTACCAGAAA
TACGGGGGATG CAGCCAAGAT GGCCTTGGTG CTAGAGGCCC TGCCCCAGAT TGCTGCCAAA ATCGCTGCCC
CACTTACCAA GGTGATGAG ATTGTGGTCC TCAGTGGAGA CAACAGTAAG GTCACATCAG AAGTGAACCG
ACTGCTGGCC GAGCTGCCTG CCTCTGTGCA TGCCCTCACA GGCCTGGACC TGTCTAAGAT ACCCCTGATC
AAGAAGGCCA CTGGTGTGCA GGTGTGA
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Transaction Sequence

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MGNCHTVGPN EALVVS GGCC GSDYKQYVFG GWAWAWWCIS DTQRISLEIM TLQPRCEDVE TAEGVALTVT GVAQVKIMTE
KELLAVACEQ FLGKNVQDIK NVVLQTLEGH LRSILGTLTV EQIYQDRDQF AKLVREVAAP DVGRMGIEIL SFTIKDVYDK
VDYLSSLGKT QTAVVQRDAD IGVAEAERDA GIREAECKKE MLDVKFMADT KIADSKRAFE LQKSAFSEEV NIKTAEQLA
YELQGAREQQ KIRQEEIEIE VVQRKKQIAV EAQEILRTDK ELIATVRRPA EAEAHRIQQI AECEKVKQVL LAQAEAEKIR
KIGEAEEAVI EAMGKAEER MKLKAEAYQK YGDAAKMALV LEALPQIAAK IAAPLTKVDE IVVLSGDNSK VTSEVNRLLA
ELPASVHALT GVDLSKIPLI KKATGVQV
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