GCSAM cDNA

Catalog Number: ATGD0293

PRODUCT INFORMATION

Catalog number
ATGD0293

Product type
cDNA

Species
Human

NCBI Accession No.
NP_689998.1

Alternative Names
Germinal center-associated signaling and motility protein, Germinal center B-cell-expressed transcript 2 protein, GCSAM, GCAT2, HGAL, GCET2

mRNA Refseq
NM_152785.4

OMIM
607792

Chromosome location
3q13.2

PRODUCT SPECIFICATION

Formulation
Lyophilized

Storage
Store the plasmid at -20C.

cDNA Size
537bp

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)

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

GCSAM cDNA

Catalog Number: ATGD0293

General Description

GCSAM encodes a protein which may function in signal transduction pathways and whose expression is elevated in germinal cell lymphomas. It contains a putative PDZ-interacting domain, an immunoreceptor tyrosine-based activation motif (ITAM), and two putative SH2 binding sites. In B cells, its expression is specifically induced by interleukin-4. Alternative splicing results in multiple transcript variants encoding different isoforms.

DATA

Sequence nucleotides

ATGGGAAATTCTCTGCTGAGAGAAAACAGGCGGCAGCAGAACACTCAAGAGATGCCTTGGAATGTGAGAATGCAAAGCCCC
AAACAGAGAACATCCAGATGCTGGGATCACCATATCGCTGAAGGGTGTTTCTGCCTTCCATGGAAAAAAATACTCATTTTTG
AAAAGAGGCAAGATTCCCAAAACGAAAATGAAAGAATGTCATCTACTCCCATCCAGGACAATGTTGACCAGACCTACTCAGA
GGAGCTGTGCTATACCCTCATCAATCATCGGGTTCTCTGTACAAGGCCATCAGGGAACTCTGCTGAAGAGTACTATGAGAAT
GTTCCCTGCAAAGCTGAGAGACCCAGAGAGTCCTTGGGAGGAACTGAGACTGAGTATTCACTTCTACATATGCCTTCTACAG
ACCCCAGGCATGCCCGATCCCCAGAAGATGAATATGAACTTCTCATGCCTCACAGAATCTCCTCTCACTTTCTGCAACAGCC
ACGTCCACTTATGGCCCCTTCTGAGACTCAGTTTTCCCATTTATAG

Transaction Sequence

MGNSLLRENR RQQNTQEMPW NVRMQSPKQR TSRCWDHHIA EGCFCLPWKK ILIFEKRQDS QNENERMSST
PIQDNVDQTY SEELCYTLIN HRVLCTRPSG NSAEEYYENV PCKAERPRES LGGTETEYSL LHMPSTDPRH ARSPEDEYEL
LMPHRISSHF LQQPRPLMAP SETQFSHL