LGALSL cDNA

Catalog Number: ATGD0031

PRODUCT INFORMATION

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ATGD0031

Product type
cDNA

Species
Human

NCBI Accession No.
NP_054900.2

Alternative Names
GRP, HSPC159

mRNA Refseq
NM_014181.2

OMIM

Chromosome location
2p14

PRODUCT SPECIFICATION

Formulation
Lyophilized

Storage
Store the plasmid at -20C.

cDNA Size
519bp

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
Galectin-related protein, also known as LGALSL, is a 172 amino acid protein that contains one galectin domain.

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Galectins are a family of soluble b-galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix (ECM) interactions and also play a role in tumor progression, pre-mRNA splicing and apoptosis. However, LGALSL does not appear to bind carbohydrates or lactose because the critical residues required for binding are not conserved

DATA

Sequence nucleotides

ATGGCGGGAT CAGTGGCCGA CAGCGATGCC GTGGTGAAAC TAGATGATGG CCATTTAAAC AACTCTTTGA
GCTCTCCAGT TCAAGCGGAC GTGTACTTCC CACGACTGAT AGTTCCATTT TGTGGGCACA TTAAAGGTGG
CATGAGACCA GGCAAGAAGG TGTTAGTGAT GGGCATCGTA GACCTCAACC CAGAGAGCTT TGCAATCAGC
TTGACCTGTG GGGACTCAGA AGACCCTCCT GCCGATGTGG CAATCGAACT CAAAGCTGTG TTCACAGATC
GGCAGCTACT CAGAAATTCT TGTATATCTG GGGAGAGGGG TGAAGAACAG TCAGCAATCC CTTACTTTCC
ATTCATTCCA GACCAGCCAT TCAGGGTGGA AATTCTTTGT GAGCACCCAC GTTTCCGAGT GTTTGTGGAT
GGACACCAAC TTTTTGATTT TTACCATCGC ATTCAAACGT TATCTGCAAT TGACACCATA AAGATAAATG GAGACCTCCA
GATCACCAAG CTTGGCTGA

Transaction Sequence

MAGSVADSDA VVKLDDGHLN NSLSSPVQAD VYFPRLIVPF CGHIKGGMRP GKKVLVMGIV DLNPESFAIS LTCGDSEDPP
ADVAIELKAV FTDRQLLRNS CISGERGEEQ SAIPYFPFIP DQPFRVEILC EHPRFRVFVD GHQLFDFYHR IQTLSAIDTI
KINGDLQITK LG