GULP1 cDNA

Catalog Number: ATGD0404

PRODUCT INFORMATION

Catalog number
ATGD0404

Product type
cDNA

Species
Human

NCBI Accession No.
NP_057399.1

Alternative Names
PTB domain-containing engulfment adapter protein 1, CED-6, GuLP

mRNA Refseq
NM_016315.3

OMIM
608165

Chromosome location
2q32.3-q33

PRODUCT SPECIFICATION

Formulation
Lyophilized

Storage
Store the plasmid at -20C.

cDNA Size
915bp

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

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

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GULP1 is an adapter protein necessary for the engulfment of apoptotic cells by phagocytes. Several transcript variants, some protein coding and some thought not to be protein coding, have been found for this gene.

DATA

Sequence nucleotides

ATGAACCGTGCTTTTAGCAGGAAGAAAGACAAAACATGGATGCATACACCTGAAGCTTTATCAAAACATTTCATTCCCTATAA
TGCAAAGTTTCTTGGCAGTACAGAAGTGGAACAGCCAAAAGGAACAGAAGTTGTGAGAGATGCTGTAAGGAAACTAAAGTT
TGCAAGACATATCAAGAAATCTGAAGGCCAGAAAATTCCTAAAGTGGAGTTGCAAATATCAATTTATGGAGTAAAAATTCTAG
AACCCAAAACAAAGGAAGTTCAACACAATTGCCAGCTTCATAGAATATCTTTTTGTGCAGATGATAAAACTGACAAGAGGAT
ATTCACTTTCATATGCAAAGATTCTGAGTCAAATAAACATTTGTGCTATGTATTTGACAGCGAAAAGTGTGCTGAAGAGATCA
CTTTAACAATTGGCCAAGCATTTGACCTGGCATACAGGAAATTTCTAGAATCAGGAGGAAAAGATGTTGAAACAAGAAAACA
GATCGCAGGGTTACAAAAAAGAATCCAAGACTTAGAAACAGAAAATATGGAACTTAAAAATAAAGTACAAGATTTGGAAAAC
CAACTGAGAATAACTCAAGTATCAGCACCTCCAGCAGGCAGTATGACACCTAAGTCGCCCTCCACTGACATCTTTGATATGA
TTCCATTTTCTCCAATATCACACCAGTCTTCGATGCCTACTCGCAATGGCACACAGCCACCTCCAGTACCTAGTAGATCTACT
GAGATTAAACGGGACCTGTTTGGAGCAGAACCTTTTGACCCATTTAACTGTGGAGCAGCAGATTTCCCTCCAGATATTCAAT
CAAAATTAGATGAGATGCAGGAGGGGTTCAAAATGGGACTAACTCTTGAAGGCACAGTATTTTGTCTCGACCCGTTAGACAG
TAGGTGCTGA

Transaction Sequence

MNRAFSRKKD KTWMHTPEAL SKHFIPYNAK FLGSTEVEQP KGTEVVRDAV RKLKFARHIK KSEGQKIPKV ELQISIYGVK
ILEPKTKEVQ HNCQLHRISF CADDKTDKRI FTFICKDSES NKHLCYVFDS EKCAEEITLT IGQAFDLAYR KFLESGGKDV
ETRKQIAGLQ KRIQDLETEN MELKNKVQDL ENQLRITQVS APPAGSMTPK SPSTDIFDMI PFSPISHQSS MPTRNGTQPP
PVPSRSTEIK RDLFGAEPFD PFNCGAADFP PDIQSKLDEM QEGFKMGLTL EGTVFCLDPL DSRC