

# 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**

# GULP1 cDNA

Catalog Number: ATGD0404

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

```
ATGAACCGTGCTTTTAGCAGGAAGAAAGACAAAACATGGATGCATACACCTGAAGCTTTATCAAAACATTTTCATTCCCTATAA
TGCAAAGTTTCTTGGCAGTACAGAAGTGGAACAGCCAAAAGGAACAGAAGTTGTGAGAGATGCTGTAAGGAAACTAAAGTT
TGCAAGACATATCAAGAAATCTGAAGGCCAGAAAATTCCTAAAGTGGAGTTGCAAATATCAATTTATGGAGTAAAAATTCTAG
AACCCAAAACAAAGGAAGTTCAACACAATTGCCAGCTTCATAGAATATCTTTTTGTGCAGATGATAAACTGACAAGAGGAT
ATTCACTTTCATATGCAAAGATTCTGAGTCAAATAAACATTTGTGCTATGTATTTGACAGCGAAAAGTGTGCTGAAGAGATCA
CTTTAACAAATTGGCCAAGCATTTGACCTGGCATAACAGGAAATTTCTAGAATCAGGAGGAAAAGATGTTGAAACAAGAAAACA
GATCGCAGGGTTACAAAAAGAATCCAAGACTTAGAAACAGAAAATATGGAACTTAAAAATAAAGTACAAGATTTGGAAAAC
CAACTGAGAATAACTCAAGTATCAGCACCTCCAGCAGGCAGTATGACACCTAAGTCGCCCTCCACTGACATCTTTGATATGA
TTCCATTTTCTCCAATATCACACCAGTCTTCGATGCCTACTCGCAATGGCACACAGCCACCTCCAGTACCTAGTAGATCTACT
GAGATTAACGGGACCTGTTTGGAGCAGAACCTTTTGACCCATTTAACTGTGGAGCAGCAGATTTCCCTCCAGATATTCAAT
CAAAATTAGATGAGATGCAGGAGGGGTTCAAATGGGACTAACTCTTGAAGGCACAGTATTTTGTCTCGACCCGTTAGACAG
TAGGTGCTGA
```

### Transaction Sequence

```
MNRAFSRKKD KTWMTPEAL SKHFIPYNAK FLGSTEVEQP KGTEVV RDAV RKLK FARHIK KSEGQKIPKV ELQISYGVK
ILEPKTKEVQ HNCQLHRISF CADDKTDKRI FTFICKDSES NKHL CYV FDS EKCAEEITLT IGQAFDLAYR KFLESGGKDV
ETRKQIAGLQ KRIQDLETEN MELKNKVQDL ENQLRITQVS APPAGS MTPK SPSTDIFDMI PFSPISHQSS MPTRNGTQPP
PVPSRSTEIK RDLFGAEPFD PFNCGAADFP PDIQSKLDEM QEGFKMGLTL EGTVFCLDPL DSRC
```