

## Recombinant Human GULP1, His-tagged

Cat. No. GULP1-7565H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human GULP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-304aa
<b>Antigen Description</b>	PTB domain-containing engulfment adapter protein 1, also known as GULP1, is an evolutionarily conserved adaptor protein required for efficient engulfment of apoptotic cells by phagocytes. GULP1 also helps modulate cellular glycosphingolipid and cholesterol transport. It also may play a role in the internalization and endosomal trafficking of various LRP1 ligands, such as PSAP. Increased cytoplasmic levels of GULP1 are associated with increases in cellular levels of GTP-bound ARF6.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 2mM DTT
<b>Molecular Mass</b>	36.9kDa (327aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSMNRAFSR KDKTWMHTP EALSKHFIPY NAKFLGSTEV EQPKGTEVVR DAVRKLK FAR HIKKSEGQKI PKVELQISY GVKILEPKTK EVQHNCQLHR ISFCADDKTD KRIFTFICKD SESNKHLCYV FDSEKCAEEI TLTIGQAFDL AYRKFLSEGG KDVETRKQIA GLQKRIQDLE

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TENMELKNKV QDLENQLRIT QVSAPPAGSM TPKSPSTDIF DMIPFSPISH  
 QSSMPTRNGT QPPPVPSRST EIKRDLFGAE PFDPFNCGAA DFPPDIQSKL  
 DEMQEGFKMG LTLEGTVFCL DPLDSRC

**Purity** >95% as determined by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.5 mg/ml

## GENE INFORMATION

**Gene Name** [GULP1 GULP, engulfment adaptor PTB domain containing 1 \[ Homo sapiens \]](#)

**Official Symbol** GULP1

**Synonyms** GULP1; GULP, engulfment adaptor PTB domain containing 1; PTB domain-containing engulfment adapter protein 1; CED 6; CED6; GULP; engulfment adapter protein; cell death protein 6 homolog; PTB domain adapter protein CED-6; PTB domain adaptor protein CED-6; CED-6; FLJ31156;

**Gene ID** [51454](#)

**mRNA Refseq** [NM\\_001252668](#)

**Protein Refseq** [NP\\_001239597](#)

**MIM** [608165](#)

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<b>UniProt ID</b>	Q9UBP9
<b>Chromosome Location</b>	2q32.3-q33
<b>Pathway</b>	Arf6 signaling events, organism-specific biosystem;
<b>Function</b>	signal transducer activity;

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