

Recombinant Human GULP1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human GULP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-304aa
Antigen Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 2mM DTT
Molecular Mass	36.9kDa (327aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNRAFSR KKDKTWMHTP EALSKHFIPY NAKFLGSTEV EQPKGTEVVR DAVRKLKFKAR HIKKSEGQKI PKVELQISIV GVKILEPKTK EVQHNCQLHR ISFCADDKTD KRIFTFICKD SESNKHLCYV FDSEKCAEEI TLTIGQAFDL AYRKFLSEGG KDVETRQKIA 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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UniProt ID	Q9UBP9
Chromosome Location	2q32.3-q33
Pathway	Arf6 signaling events, organism-specific biosystem;
Function	signal transducer activity;

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