

AR50833PU-N**Human GULP1 / CED6 (1-304, His-tag) - Purified****Alternate names:**

CED-6, Cell death protein 6 homolog, PTB domain adapter protein CED-6, PTB domain-containing engulfment adapter protein 1

Quantity:

0.5 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q9UBP9](#)

NCBI:

[NP_057399](#)

GeneID:

[51454](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 2mM DTT

Description:

Recombinant human GULP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGS MNRAFSR KKDKTWMHTP EALSKHFIPY NAKFLGSTEV
EQPKGTEVVR DAVRKLKFKAR HIKKSEGQKI PKVELQISYIY GVKILEPKTK EVQHNCQLHR
ISFCADDKTD KRIFTFICKD SESNKHL CYV FDSEKCAEEI TLTIGQAFDL AYRKFLSEGG
KDVETRKQIA GLQKRIQDLE TENMELKNKV QDLENQLRIT QVSAPPAGSM TPKSPSTDIF
DMIPFSPISH QSSMPTRNGT QPPPVPSRST EIKRDLFGAE PFDFPNCGAA DFPPDIQSKL
DEM QEGFKMG LTLEGTVFCL DPLDSRC

Molecular weight: 36.9 kDa (327aa) confirmed by MALDI-TOF

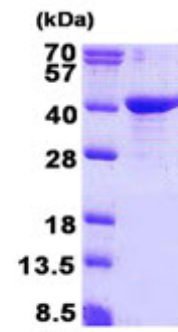
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Smits E., et al. (2000) Curr Biol. 9:1351-1354 Su H P., et al. (2000) J Biol Chem. 275: 9542-9549.

Pictures:



15% SDS-PAGE (3ug)