Recombinant human GULP1/CED-6 protein

Catalog Number: ATGP2009

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-304aa

UniProt No.
Q9UBP9

NCBI Accession No.
NP_057399

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

PRODUCT SPECIFICATION

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

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 2mM DTT

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human GuLP1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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

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Amino acid Sequence

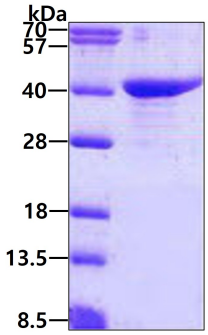
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General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.