

32-3928: GULP1 Recombinant Protein

Alternative Name : GULP, Engulfment Adaptor PTB Domain Containing 1, PTB Domain Adapter Protein CED-6, Cell Death Protein 6 Homolog, CED6, GULP, PTB Domain Adaptor Protein CED-6 Engulfment Adapter Protein, Protein GULP, CED-6.

Description

Source : Escherichia Coli. GULP1 Human Recombinant produced in E. coli is a single, non-glycosylated polypeptide chain containing 327 amino acids (1-304a.a) and having a molecular mass of 36.9kDa. GULP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. PTB domain-containing engulfment adapter protein 1 (GULP1) is an evolutionarily conserved adaptor protein essential for efficient phagocytosis of apoptotic cells by phagocytes. Furthermore, GULP1 helps modulate cellular glycosphingolipid and cholesterol transport. In addition, GULP1 may have a role in the internalization and endosomal trafficking of various LRP1 ligands, such as PSAP. Increased cytoplasmic levels of GULP1 are linked with increases in cellular levels of GTP-bound ARF6.

Product Info

Amount : 20 µg
Purification : "Greater than 95.0% as determined by SDS-PAGE."
Content : GULP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol and 2mM DTT.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMNRAFSR KKDKTWMHTP EALSKHFIPY NAKFLGSTEV
 EQPKGTEVVR DAVRKLK FAR HIKKSEGQKI PKVELQISYI GVKILEPKTK EVQHNCQLHR ISFCADDKTD
 KRIFTICKD SESNKHLCYV FDSEKCAEEI TLTIGQAFDL AYRKFLSEGG KDVETRKQIA GLQKRIQDLE
 TENMELKNKV QDLENQLRIT QVSAPPAGSM TPKSPSTDIF DMIPFSPISH QSSMPTRNGT QPPVPSRST
 EIKRDLFGAE PFDPFNCGAA DFPPDIQSKL DEMQEGFKMG LTLEGTVFCL DPLDSRC.

