
Product Data Sheet

Product Name: GULP1 Human
 Cat. No.: GP23605
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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.		
Amino Acid Sequence	MGSSHHHHH SGLVPRGSH MGSMNRAFSR KKDKTWMHTP EALSKHFIPY NAKFLGSTEV EQPKGTEVVRDAVRKLFAR HIKKSEGQKI PKVELQISYIY GVKILEPKTK EVQHNCQLHR ISFCADDKTD KRIFTFICKDSESNKHLICYV FDSEKCAEEI TLTIGQAFDL AYRKFLGSGG KDVETRKQIA GLQKRIQDLE TENMELKNKVQDLENQLRIT QVSAPPAGSM TPKSPSTDIF DMIPFSPISH QSSMPTRNGT QPPPVPSRST EIKRDLFGAEPFDPFNCGAA DFPPDIQSKL DEMQEGFKMG LTLEGTVFCL DPLDSRC.		
Formulation	GULP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol and 2mM DTT.		

Introduction

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.

Stability

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%

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA