



Recombinant Mouse ATG5 Protein Product Manual

1. Product Basic Information

Product No.: REP06197

Protein Name: Apoptosis-Specific Protein (ATG5)

Aliases: ASP; APG5; APG5L; hAPG5; SCAR25; APG5-LIKE; apoptosis-specific protein; ATG5 autophagy related 5 homolog

UniProt ID: Q9H1Y0

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9H1Y0/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length (1-275aa)

Molecular Weight: 39.3 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-275aa)

MTDDKDVLRDVFGRIPTCFTLYQDEITEREAEPYLLLPVSYLTLVTDKVKKHQ
KVMRQEDVSEIWFYEGTPLKWHYPIGLLFDLLASSSALPWNITVHFKSFPEKDLLH
CPSKDAVEAHFMSCMKEADALKHKSQVINEMQKKDHKQLWMGLQNDRFDQFWAI
NRKLMEYPPPENGFRYIPFRIYQTTTERPFQIKLFRPVAADGQLHTLGDLLREVCPS
AVAPEDGEKRSQVMIHGIEPMLETPLQWLSEHLSYPDNFLHISIVPQPTD

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Mouse ATG5 full length protein (1-275aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ATG5, also known as ASP or APG5 or APG5L, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.