

Product datasheet for AR51535PU-N

OriGene Technologies, Inc.

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APG3 / ATG3 (1-314, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: APG3 / ATG3 (1-314, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMQNVINT VKGKALEVAE YLTPVLKESK FKETGVITPE EFVAAGDHLV HHCPTWQWAT GEELKVKAYL PTGKQFLVTK NVPCYKRCKQ MEYSDELEAI

IEEDDGDGGW VDTYHNTGIT GITEAVKEIT LENKDNIRLQ DCSALCEEEE DEDEGEAADM

EEYEESGLLE TDEATLDTRK IVEACKAKTD AGGEDAILQT RTYDLYITYD KYYQTPRLWL FGYDEQRQPL

TVEHMYEDIS QDHVKKTVTI ENHPHLPPPP MCSVHPCRHA EVMKKIIETV AEGGGELGVH

MYLLIFLKFV QAVIPTIEYD YTRHFTM

Tag: His-tag
Predicted MW: 38.3 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

Preparation: Liquid purified protein

Protein Description: Recombinant human ATG3 protien, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

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.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001265641

 Locus ID:
 64422

 UniProt ID:
 Q9NT62

 Cytogenetics:
 3q13.2

Synonyms: APG3; APG3-LIKE; APG3L; PC3-96





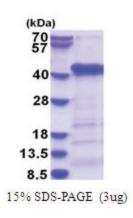
Summary:

This gene encodes a ubiquitin-like-conjugating enzyme and is a component of ubiquitination-like systems involved in autophagy, the process of degradation, turnover and recycling of cytoplasmic constituents in eukaryotic cells. This protein is known to play a role in regulation of autophagy during cell death. A pseudogene of this gene is located on chromosome 20. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]

Protein Pathways:

Regulation of autophagy

Product images:



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