

Recombinant Full Length Mouse Autophagy-Related Protein 9A(Atg9A) Protein, His-Tagged

Cat. No. RFL35298MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Autophagy-related protein 9A(Atg9a) Protein (Q68FE2) (1-551aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-551)
Form	Lyophilized powder
AA Sequence	MAQFDTEYQRLEASYSDSPGGEEDLLVHVAEGSKSPWHHIENLDLFFSRVYNLHQK NGFT CMLIGEMFELMQFLFVVAFTTFLVSCVDYDILFANKMVNHS LHPTPEVKVTLP DAFLPAQ VCSARIQENGSLITILVIAGVFWIHRLIKFIYNICCYWEIHSFY LHALRIPMSA LPYCTW QEVQARIVQTQKEHQICIKRELTELDIYHRILRFQNYMVALVNKSL LPLRF RLPGLGEV VFFTRGLKYNFELILFWGPGSLFLNEWSLKAEYKRGGQRLELAQR LSN RILWIGIANFLL CPLILIWQILYAFFSYAEVLKREPGALGARCWSLYGR CYLRHFNELE HELQSRLNRGYKP ASKYMNCFLSPLLTLLAKNGAFFAGSILAVLIA LTIYDEDVLAVE HVLTTVTLLGVTVTV CRSFIPDQHMVFCPEQLLRVILAHIH YMPDHWQGVHLGGVAE SHRHTPHSHLLPPPSGPG DHRLLPQLYGRGRGCGRHLLLCSDGR SPAWPSSVAV WRADRGLSVPASRGREDRVVAHAL CHHQSR LAAPS
Purity	Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Atg9a
Synonyms	Atg9a; Apg9l1; Autophagy-related protein 9A; APG9-like 1
UniProt ID	Q68FE2

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