

Recombinant Human ATG9A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ATG9A-6292H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATG9A MS Standard C13 and N15-labeled recombinant protein (NP_076990) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	ATG9A (Autophagy Related 9A) is a Protein Coding gene. Diseases associated with ATG9A include Age-Related Hearing Loss and Spastic Paraplegia 52, Autosomal Recessive. Among its related pathways are Macroautophagy and Mitophagy - animal. Gene Ontology (GO) annotations related to this gene include heme-copper terminal oxidase activity. An important paralog of this gene is ATG9B.
Molecular Mass	94.3 kDa
AA Sequence	MAQFDTEYQRLEASYSDSPGGEEDLLVHVAEGSKSPWHHIENLDLFFSRVYNLHQK NGFTCMLIGEIFELMQFLFVVAFTTFLVSCVDYDILFANKMVNHS LHPTPEVKVTLPD AFLPAQVCSARIQENGSLITILVIAGVFWIHRLIKFIYNICCYWEIHSFY LHALRIPMSAL PYCTWQEVQARIVQTQKEHQICIKRELTELDIYHRILRFQNYMVALVNKSLPLRFR LPGLGEAVFFTRGLKYNFELILFWGPGSLFLNEWSLKAEYKRGGQRLELAQR LSNRI LWIGIANFLLCPLILWQILYAFFSYAEVLKREPGALGARCWSLYGR CYLRHFNELEHE LQSRLNRGYKPASKYMNCFLSPLLTLAKNGAFFAGSILAVLIA LTIYDEDEVLA VEHL TTVTLLGVTVTVCRSFIPDQHMVFCPEQLLRVILAHIHYPDHWQGN AHRSQTRDEF

 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

AQLFQYKAVFILEELLSPIVTPLILIFCLRPRALEIIDFFRNFTVEVVGVGDTCSFAQMD
 VRQHGHPQWLSAGQTEASVYQQAEDGKTELSLMHFAITNPGWQPPRESTAFLGFL
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 GEGARAPQSIPRSASYPCAAPRPGAPETTALHGGFQRRYGGITDPGTVPRVPSHFS
 RLPLGGWAEDGQSASRHPEPVPEEGSEDELPPQVHKVTRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ATG9A autophagy related 9A [Homo sapiens (human)]
Official Symbol	ATG9A
Synonyms	ATG9A; ATG9 autophagy related 9 homolog A (S. cerevisiae); APG9 autophagy 9 like 1 (S. cerevisiae), APG9L1; autophagy-related protein 9A; FLJ22169; APG9-like 1; APG9 autophagy 9-like 1; autophagy 9-like 1 protein; mATG9; APG9L1; MGD3208;
Gene ID	79065

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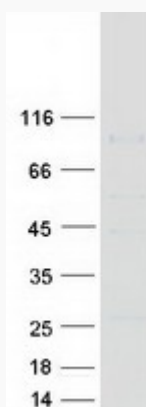
mRNA Refseq [NM_024085](#)

Protein Refseq [NP_076990](#)

MIM [612204](#)

UniProt ID [Q7Z3C6](#)

SDS-PAGE



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