

Recombinant Full Length Yarrowia Lipolytica Autophagy-Related Protein 9(Atg9) Protein, His-Tagged

Cat. No. RFL22454YF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Yarrowia lipolytica Autophagy-related protein 9(ATG9) Protein (Q6C2F5) (1-788aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Yarrowia lipolytica
Source	E.coli
ProteinLength	Full Length (1-788)
Form	Lyophilized powder
AA Sequence	MTDKSTFLSVLFGGGSVYQDLGDGGEVEDAEILRRVEEEHAQTS DNSNSDNDSGN DSDVP TSLMVEGVQDPKPGSKRRQPHRMATLSNLQSSAGPGARSVSFAQGKTQTQ TPIRLTKPTGV ANGGLPRHKQDLGASIRTMVDPKELALWKWANVQNLDNFFAEAYM YYTGKGLVSIILSRV LNMSTIMFVVVFSTYLGSCIDYSKIKGSRTLDEVHVKQCYAKL GSFHVFWLWTFVFLWFM KLFQYVKDIRRLVDMKSFYQELLEIDENELQTISWPQVAK RMTLSEANAATQVG NSTKQ RIEPHDIANRVMRKENYLVAMFHKRVLNMTVPLPQP LQRIFGRPQLLSRALEWNLSLCIL DYVFNPAGQVRPMFLKSTHKQILSTGLRRRFVF AAIMNVVFAPFIILYLALLYFFRYFNE YHKNPASIGTRRYNPLAEWKLREYNELPHQF ERRLTLSYIPASKYLDQFPKEKTALVSKF VSFIAGSFAAVLGLIASLIDPELFLMF EISAN RTVLFYIGVFGSILAVSRSLIPEETLVFD PEISLRYVAEFTHYLPPEWEGKLHTEQVKN EFSLMYEMRLIILLKELASIFLAPFILYY S LTQSCDDIVDFIRDHSVHVDGLGYVCTFAM FDFKQKSPDHQPDEDQKMLKSYLYFMDHYG DKPTNVSQTQQNVPMYSSVRLKND

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	GLDLNNSIMQKFQKHNGHHALSGLTQRDVGLSPAAP TATTATSGTATGAAPRRDLI NFDVDES FIDQTT SNRDMDNDEQPKDKERVVDMLNQFYKK TDNMNLGA
Purity	Greater than 90% as determined by SDS-PAGE.
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	ATG9
Synonyms	ATG9; YALI0F08349g; Autophagy-related protein 9
UniProt ID	Q6C2F5