

ATG7-ATG7 autophagy related 7 homolog (S. cerevisiae) Gene

Reference: PTXBC000091

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	ATG12-activating enzyme E1 ATG7; ubiquitin-like modifier-activating enzyme ATG7; APG7-LIKE; APG7L; GSA7; APG7 autophagy 7-like; hAGP7; ubiquitin-activating enzyme E1-like protein; autophagy related 7		

For research use only.

GENE DESCRIPTION	ATG7 autophagy related 7 homolog (S. cerevisiae)
GENE ID	10533
ORIGIN SPECIES	Human
ACCESSIONS	BC000091
VECTOR	pDONR223
NCBI SYMBOL	ATG7
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

ORF (Only for reference, product provided without STOP codon)

atggcggcagctacggggatcctggactctaaactgcagttggcccttttagtagtgccttggatgttgggtttggcatgagttgaccagaagaagctgaacgagtagtggctggatgaagctccaaggacattaagggttattactacaatggtagctctgctgggctgccagctcgttaacattggagttcagtgcttttgacatgagtgctccacccagccgttgcctccagctattggaaactgtataacacacacactcagtgctttcaagactgcagataagaagctccttttggaaacagcagcaaatgagatagggaaatccataaatcaggcactgctctgaaaaccctgtactctcaacaagttcctccttgacatttgacatctaaagaagtaccactctactattgggtttgctatcctgcccctctgcttccagagagtttacctctcactcagggccagctgggttggatcaaaaggttttactaaacagattgaagcactagagtgctgcatatgataatctttgtcaaacagaaggagtcacagctctccttactcttaatacaagtatgtagaacaatgctgctgtttccttgcctaaactacacagtgatttctccaaggtcaaaaggacgaagataacaattgggtatattgatccctgttaacttagcccgtagccctggtatggcctttgaggaaatttttggctctagcagccacagatggagtagcagtttccagctgttgaagtgtttgcttccgtgaccgtaccatgcagggggcgagagacgttgcacacagcatctctcgaagtgaagcttcagaaatggcatttagccagattgtcctaaagcagttggatgggaaagaaccagaaggagggcattgggacaaagagtggaacctcagtgatgtatggaccctaaagggttagctgagtcacagtggaatctaaactcgaatgagttggagattgttctactttagacttggacaaggttgtgtctcctcaaatgtctgcttggagccggcaccctgggttgaatgtagctaggacgttgatgggttggggcgtgagacacatcatttgggacaatgccaagatcctcactcctcaatcctgtgaggcagcctctctatgatttgaagattgctcaggggggtgtgaagcccaaggctctggcagcagcggaccgctccagaaatattcccggtgtgaatgccagagattcaacatgagcatacctatgctggcagcagtgaaacttccagtgctacttggagcaagcccgagagatgtggagcaactggagcagctcagcaaaagccatgatgtctgtctctatgatggacaccagggagagcggttggcttccgtcattgctgcaagcaagagaagctgttcatcaatgctgtttggattgacacatttgttcatgagacatgtctgaagaacaaagcagcaaggagctggggactgtgtccaaaccacccctgtggcatctgctgacctcctgggctcctcgttttggcaacatccctgttacaagcttggctgctacttctgcaatgatgtgtgtgccccaggagattcaaccagagaccggaccttgaccagcagtgacatgtgagtcgtccaggactggccgtgattgcagagccctggccgttgaattgatgtatctgttttgcagcatccagaaggggctatgccattgccagcagcagtgacgatcggatgaatgagcctccaactctcttgggtgtgctcaccaggttcttgatcaatgaacgagaaggatttaacttctagccaaggtgttaattctcattcctcttagaagacttgactggtcttactgtgcatcaagaacccaagctgctgagatctgggacatgagcagatgatgacacctga