

Product datasheet for **RC201088A1V**

Human ATP dependent metalloprotease YME1L1 (YME1L1) (NM_014263) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATP dependent metalloprotease YME1L1 (YME1L1) (NM_014263) AAV Particle
Tag:	Myc-DDK
Symbol:	YME1L1
Synonyms:	FTSH; MEG4; OPA11; PAMP; YME1L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201088 representing NM_014263
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTTTCTTGTGCGAGCAGGTGCAACCCAGGTTACAGTTCCTCTGAGTCATCTCATCAATGCCTTCC
 ATACACCAAAAAACACTTCTGTTTCTCTCAGTGGAGTGTGAGTTTCTCAAAACAGCATCGAGATGTAGT
 TCCTGAGCATGAGGCTCCAGCAGTGAACCTTCACTTAAGGGACCTTGGATTATCTGAACAAAA
 ATTGGACAGATTGATCAGCTGGTAGAAAATCTACTTCTGGATTTTGTAAAGGCAAAACATTTCTTCCC
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 TACATTACGTTCTTCTGCTGTATCGACATCATTCAAGAGCTCTTCAAAGCATTGTTCAGATCTTCAG
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 AGGATCAGATGTTGAGAGTTTGGACAACTCATGAAACCAAAAAATACCTGAAGCTCACCAAGATGCA
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 GGCGAACCCGTCTGATTCTCTTCTGCTGCTATTCTGGCATTATGGACTTCTAAAAACCCATTTTT
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 TTTGATGAGATGTTTGTGGGTGTGGGAGCCAGCCGATCAGAAATCTTTTAGGGAAGCAAAGGCGAATG
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 ATATTCAAGGCAGACCATAAATCAACTTCTTGCTGAAATGGATGGTTTTAAACCAATGAAGGAGTTATC
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 CATCACAGCATATCATGAATCTGGTCATGCCATTATTGCATATTACACAAAAGATGCAATGCCTATCAAC
 AAAGCTACAATCATGCCACGGGGGCCAACACTTGGACATGTGTCCTGTTACCTGAGAATGACAGATGGA
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 ATTTGGAACCGACCATATTACAACAGGTGCTTCCAGTGATTTTGATAATGCCACTAAAAAGCAAGCGG
 ATGTTTACCAATTTGGAATGAGTGAAGGCTTGGAGTTATGACCTACAGTGATACAGGGAACTAAGTC
 CAGAAACCAATCTGCCATCGAACAAGAAATAAGAATCCTTCTAAGGGACTCATATGAACGAGCAAAACA
 TATCTTGAAGCTCATGCAAGGAGCATAAGAATCTCGCAGAAGCTTTATTGACCTATGAGACTTTGGAT
 GCCAAAGAGATTCAAATTGTTCTTGAGGGGAAAAAGTTGGAAGTGAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC201088 representing NM_014263 Red=Cloning site Green=Tags(s) MFSLSSTVQPQVTVPLSHLINAFHTPKNTSVSLSGVSVSQNQHSDVPEHEAPSSEPSLNLRLDLGLSELK IGQIDQLVENLLPGFCKGKNISHWHTSHVSAQSFFENKYGNLDIFSTLRSSCLYRHHSRALQSICSDLQ YWPVFIQSRGFKTLKSRTRRLQSTSERLAETQNIAPSFVKGFLLRDRGSDVESLDKLMKTKNIPEAHQDA FKTGFAEGFLKAQALTQKTNDLSLRRLILFVLLLFGLIYGLLKNPFLSVRFRTTTGLDSAVDPVQMKNV FEHVKGVEEAKQELQEVVEFLKNPQKFTILGGKLPKGILLVGPPGTGKTLARAVAGEADVPFYYASGSE FDEMFGVGASRIRNLFREAKANAPCVIFIDELDSVGGKRIESPMHPYSRQTINQLLAEMDGFKNPNEGVI IIGATNFEALDNALIRPGRFDMQVTVPRPDVKGRTEILKWLKIKFDQSDPEIIRAGTVGFSGAELE NLVNQAALKAAYDGKEMVTMKELEFSKDKILMGPERRSVEIDNKNKTITAYHESGHAIAYYTKDAMPIN KATIMPRGPTLGHVSLLPENDRWNETRAQLLAQMDVSMGGRVAEELIFGTDHITTGASSDFDNATKIAKR MVTKFGMSEKLGVMYSDTGKLSPEQTSAIEQEIIRILLRDSYERAKHILKTHAKEHKNLAELLYETLD AKEIQIVLEGKKLEVR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014263
ORF Size:	2148 bp
Buffer:	PBS with 0.001% Pluronic F5161
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_014263.2</u>
RefSeq Size:	4232 bp
RefSeq ORF:	2151 bp
Locus ID:	10730
UniProt ID:	<u>Q96TA2</u>
Cytogenetics:	10p12.1
MW:	79.8 kDa