

Product datasheet for **SC215124**

ATP dependent metalloprotease YME1L1 (YME1L1) (NM_014263) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ATP dependent metalloprotease YME1L1 (YME1L1) (NM_014263) Human 3' UTR Clone
Symbol:	ATP dependent metalloprotease YME1L1
Synonyms:	FTSH; MEG4; OPA11; PAMP; YME1L
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014263
Insert Size:	1896 bp



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Insert Sequence: >SC215124 3'UTR clone of NM_014263
 The sequence shown below is from the reference sequence of NM_014263. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTGAGGGGAAAAAGTTGGAAGTGAGATGATAAAGTCTCTTGATATGGATGCTTGCTGGTTTTATTGCAA
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ACCAGTTGTTATCATTCTGCCCGTTTTTTATTGCCCAAACCTGTTCTGTCTCCCTCTGTATGTACA
TACATACACGTATAAAATATTGATAAAGCTTATCTGTCTTAAATTTTTTACATATTTGTTGAGGTAT
AATTTACATATGATAAAATTCATTTTAAATGTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_014263.4](#)

Summary:	The protein encoded by this gene is the human ortholog of yeast mitochondrial AAA metalloprotease, Yme1p. It is localized in the mitochondria and can functionally complement a yme1 disruptant yeast strain. It is proposed that this gene plays a role in mitochondrial protein metabolism and could be involved in mitochondrial pathologies. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
Locus ID:	10730
MW:	72.3