

Product datasheet for **SC200348**

MYSM1 (NM_001085487) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MYSM1 (NM_001085487) Human 3' UTR Clone
Symbol:	MYSM1
Synonyms:	2A-DUB; 2ADUB; BMFS4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001085487
Insert Size:	2000 bp



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Insert Sequence: >SC200348 3'UTR clone of NM_001085487
The sequence shown below is from the reference sequence of NM_001085487. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

[illegible]

Restriction Sites: Sgfl-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_001085487.3](#)

Summary:	Metalloprotease that specifically deubiquitinates monoubiquitinated histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Preferentially deubiquitinates monoubiquitinated H2A in hyperacetylated nucleosomes. Deubiquitination of histone H2A leads to facilitate the phosphorylation and dissociation of histone H1 from the nucleosome. Acts as a coactivator by participating in the initiation and elongation steps of androgen receptor (AR)-induced gene activation. Required for correct regulation of hematopoiesis and lymphocyte differentiation (PubMed:28115216, PubMed:26220525). [UniProtKB/Swiss-Prot Function]
Locus ID:	114803
MW:	77.4