

Product datasheet for **SC215033**

ZMPSTE24 (NM_005857) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	ZMPSTE24
Synonyms:	FACE-1; FACE1; HGPS; PRO1; STE24; Ste24p
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PS100062)
ACCN:	NM_005857
Insert Size:	1541 bp



Insert Sequence:

>SC215033 3'UTR clone of NM_005857

The sequence shown below is from the reference sequence of NM_005857. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CAAGCTTTGAAAACATATGAAGCAACACAGATGTCCAGGATCTGTGACTGAAGACATTTCTGATTATT
TCTGTCTTGGCAGCATGTTCCAGCTCTTGATGTTTTTAACTTTTTTTAGAGAAAAATTAAGTACAG
AAAAGCCCAGATTTAAATACATTTAATATGTCAATTTAAAAATGATTTTAATAATTCATTTCTTAAAC
ACTGAATGAATTTGAAGCTTAATGTTTTTAAAGGCATAGTTTATCTTTGACATCTAATTTACCATCA
AGTTGTAAAAATTATTTGGAAAAATACAGAACTCGTTTTATTTGTATACCTATATGGAATCTGCATGTGA
GGTGTTTGAGGGCATATGTTTGAAGAGGGAGCATCACCACAGGAATCCTTTCTGTGAGGTGAAACAG
TGGTCTGAATCATTGTGCTCACACCTAATTGAAATCTGGTCTTACTTTCATGCTGTTATGATTTAC
CTGGTGAATCAGTGTTTTAAATAAGAAAGGTAATAGTTGGTAAGGCCAATGTTATTTAAATGAAAGTAG
TTAGAAAAATGCTCTCCTATTCTACCAATTTTTAATTTCTTTCTCCCTTTCTGTACACAGTGATC
AAGAGTTTCTCATAGTGCTTTGAAGTTAGAAATATGTATAGGATATTTTAAATCATTGAGTTTTGTGG
GGTTTTTTGTTGTTGTTCTTTTGTGTTTTTGGAAAAATCCGTGTCTTTATCTTTTTTCCACGTGG
TAGATATGATCCCATTGGAGGTAAATGTAGCTTCTTCTCATTGATGAGTAAATAATACATCTTTCA
CTCAGCAGAGATGGCCATATTAACACGTTTTGCTATGTTAAAGTGCCAGAACAGGAAAGACGAATTA
AAAAAATACATTTTTTAAGCGACATAAGGATGAAATACTGATGAATCTCTGTGACATTACAGGAAAAAA
ATATAGTTTTCTATCTCTTTCAAGGGCAGAGAGTTTTCAATTTTTATTTTGAATTTTATCTGTAAGT
CATAAATATTACTTAATCAGGCCTGATTCTACTTTTGAATTTACAGTTCTTGAATGCAGATAATGTT
TACTTTTGAACAAATGTCATGAATGATTTCCAGTTTTTAAAGCTATATGTTTCACTGCTTCATATCTC
TGTCCTACTTTCTGAATGAGAACTTATTTGTGCTAGAGCTCTCACTCACTGATAATGCTTATTACCTT
CTGGGCATTTATTTCAAGTGCGGATCAACTGTACGCCTTTGGTATCTGACCATAAAGCTTTTGTCCG
CTGACATTTGGGTGATGCTTTCACATGGAAATATAAAAAATAAAATCTAGTTTAATACTGCATTAT
TTATTTTCTTAAGGCTAAAGAGGAGCAGTCTATGCTTTTATTCAGCATCCTTTATCTGTGACTTCATG
CTCTGATAACTGCCTTCTCTCTCTGTGCTTTGAATACAAATTTCAAGTTCTGCAAAAGTGAAACAT
TAAACATTGCCAACGCAATGTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_005857.5

Summary:	This gene encodes a member of the peptidase M48A family. The encoded protein is a zinc metalloproteinase involved in the two step post-translational proteolytic cleavage of carboxy terminal residues of farnesylated prelamin A to form mature lamin A. Mutations in this gene have been associated with mandibuloacral dysplasia and restrictive dermopathy. [provided by RefSeq, Jul 2008]
Locus ID:	10269
MW:	59.4