

Product datasheet for SC212219

SUMF2 (NM_015411) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SUMF2 (NM_015411) Human 3' UTR Clone
Symbol:	SUMF2
Synonyms:	pFGE
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015411
Insert Size:	1088 bp
Insert Sequence:	>SC212219 3'UTR clone of NM_015411 The sequence shown below is from the reference sequence of NM_015411. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GACGCAGGCCGGCCGCCAGGGGAGCTGTAAAGCAGCCGGTGGTGACAAGGAGAAAAGCCTTCTAGGGTC
ACTGTCATTCCCTGGCCATGTTGCAAACAGCGCAATTCCAAGCTCGAGAGCTTCAGCCTCAGGAAAGAA
CTTCCCTTCCCTGTCTCCCATCCCTCTGTGGCAGGCGCCTCTCACCAGGGCAGGAGAGGACTCAGCCT
CCTGTGTTTTGGAGAAGGGGCCAATGTGTGTGACGATGGCTGGGGCCAGGTGTTTCTGTTAGAGGC
CAAGTATTATTGACACAGGATTGCAAACACACAAACAATTGGAACAGAGCACTCTGAAAGGCCATTTTT
TAAGCATTTTAAATCTATTCTCTCCCTTTCTCCCTGGATGATTGAGGAAGCTGACATTGTTTCTC
AAGGCAGAATTTTCTGTTTCTGTTTCTCAGCCAGTTGCTGTGGAAGGAGAATGCTTTCTTTGTGGCC
TCATCTGTGGTTTCGTGTCCCTCTGAAGGAACTAGTTTCCACTGTGTAACAGGCAGACATGTAACATAT
TTAAAGCACAGTTCAGTCCTAAAGGGTCTGGGAGAACCAGATGATGTAAGGTGAAAGCATTGCATTG
TGGGAATCACAAAGCAAATAGTACTCCAGAAAGACAAATATCAGAAGCTTCTATTCTTTTTTTTTTTT
TTTTTTTTTTTGAGACAGGGTCTTTCTGTGGCCAGGCTAGAGTGACTGGTGATCACGGCTCACTC
TAGCCTTGAATTCCTGGGCCCAAGCAATTCTCCACCTCAGCCTCCTGAGTAGCTGGGACTACAAGTGT
GCACCACCATGCCTGGCTAATTTTTTGAATTTTTGTAGTGATGGGATCTCGCTCTGTTGCCAGGGTGG
TCTCGAATCCTGGCCTCAAGCGATCCTCCACCTCGACCTCCCAAAGTCTGGGATTACAGGTGTGAG
CCACCTCGCCTGGGCCCTTCTCCATATGCCTCCAAAACATGTCCCTGGAGAGTAGCCTGCTCCAC
ACTGTCACTGGATGTCATGGGGCAATAAAATCTCCTGCAATTGTGTATCTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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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_015411.4
Summary:	The catalytic sites of sulfatases are only active if they contain a unique amino acid, C-alpha-formylglycine (FGly). The FGly residue is posttranslationally generated from a cysteine by enzymes with FGly-generating activity. The gene described in this record is a member of the sulfatase-modifying factor family and encodes a protein with a DUF323 domain that localizes to the lumen of the endoplasmic reticulum. This protein has low levels of FGly-generating activity but can heterodimerize with another family member - a protein with high levels of FGly-generating activity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Locus ID:	25870
MW:	40.8