

Product datasheet for **SC210088**

SUMF2 (NM_001130069) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SUMF2 (NM_001130069) Human 3' UTR Clone
Symbol:	SUMF2
Synonyms:	pFGE
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001130069
Insert Size:	829 bp
Insert Sequence:	>SC210088 3'UTR clone of NM_001130069 The sequence shown below is from the reference sequence of NM_001130069. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGTTTCTGTTAGAGGCCAAGTATTATTGACACAGGATTGCAAACACACAAACAATTGGAACAGAGCAC
TCTGAAAGGCCATTTTTAAGCATTTTAAAATCTATTCTCTCCCCTTTCTCCCTGGATGATTGAGGAA
GCTGACATTGTTTCTCAAGGCAGAATTTTCTGGTTCTGTTTTCTCAGCCAGTTGCTGTGGAAGGAGA
ATGCTTTCTTTGTGGCCTCATCTGTGGTTTCGTGTCCCTCTGAAGGAACTAGTTTCCACTGTGTAACA
GGCAGACATGTAAGTATTTAAAGCACAGTTCAGTCCTAAAAGGGTCTGGGAGAACCAGATGATGACTA
GGTGAAGCATTGCATTGTGGGAATCACAAAGCAAATAGTACTCCAGAAAGACAAATATCAGAAGCTTCC
TATTCTTTTTTTTTTTTTTTTTTTTTTTTTTTGAGACAGGGTCTTTCTCTGTTGCCAGGCTAGAGTGCCTG
GTGATCACGGCTCACTTAGCCTTGAATTCCTGGGCCAAGCAATTCTCCACCTCAGCCTCCTGAGTA
GCTGGGACTACAAGTGTGACCACCATGCCTGGCTAATTTTTGAATTTTGTAGTGTGGGATCTCGC
TCTGTTGCCAGGGTGGTCTCGAACTCCTGGCCTCAAGCGATCCTCCACCTCGACCTCCCAAAGTGCT
GGGATTACAGGTGTGAGCCACCTCGCCTGGGCCCTTCTCCATATGCCTCCAAAACATGTCCCTGGA
GAGTAGCCTGCTCCCACTGTCACTGGATGTCATGGGGCCAATAAAATCTCCTGCAATTGTGTATCTCA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

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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_001130069.4
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:	30.3