

Product datasheet for SC212220

SUMF2 (NM_001042470) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | SUMF2 (NM_001042470) Human 3' UTR Clone |
| Symbol: | SUMF2 |
| Synonyms: | pFGE |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_001042470 |
| Insert Size: | 1088 bp |
| Insert Sequence: | <p>>SC212220 3'UTR clone of NM_001042470</p> <p>The sequence shown below is from the reference sequence of NM_001042470. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGC
GACGCAGGCCGGCCGCCAGGGGAGCTGTAAGCAGCCGGTGGTGACAAGGAGAAAAGCCTTCTAGGGTC
ACTGTCATTCCCTGGCCATGTTGCAAACAGCGCAATTCCAAGCTCGAGAGCTTCAGCCTCAGGAAAGAA
CTTCCCCTTCCCTGTCTCCCATCCCTCTGTGGCAGGCGCCTCTCACCAGGGCAGGAGAGGACTCAGCCT
CCTGTGTTTTGGAGAAGGGGCCAATGTGTGTGACGATGGCTGGGGCCAGGTGTTTCTGTTAGAGGC
CAAGTATTATTGACACAGGATTGCAAACACACAAACAATTGGAACAGAGCACTCTGAAAGGCCATTTTT
TAAGCATTTTAAATCTATTCTCTCCCCCTTTCTCCCTGGATGATTGAGGAAGCTGACATTGTTTCTC
AAGGCAGAATTTTCTGGTTCTGTTTTCTCAGCCAGTTGCTGTGGAAGGAGAATGCTTTCTTTGTGGCC
TCATCTGTGGTTTCGTGTCCCTCTGAAGGAACTAGTTTCCACTGTGTAAACAGGCAGACATGTAACAT
TTAAAGCACAGTTCAGTCCTAAAGGGTCTGGGAGAACCAGATGATGTACTAGGTGAAGCATTGCATTG
TGGGAATCACAAAGCAAATAGTACTCCAGAAAGACAAATATCAGAAGCTTCCTATTCTTTTTTTTTTTT
TTTTTTTTTTTGAGACAGGTCTTTCTGTGTTGCCAGGCTAGAGTGCACTGGTGATCACGGCTCACTC
TAGCCTTGAATTCCTGGGCCCAAGCAATTCTCCACCTCAGCCTCCTGAGTAGCTGGGACTACAAGTGT
GCACCACCATGCCTGGCTAATTTTTTGAATTTTTGTAGTGATGGGATCTCGCTCTGTTGCCAGGGTGG
TCTCGAACTCCTGGCCTCAAGCGATCCTCCACCTCGACCTCCCAAAGTCTGGGATTACAGGTGTGAG
CCACCTCGCCTGGGCCCTTCTCCATATGCCTCCAAAACATGTCCCTGGAGAGTAGCCTGCTCCAC
ACTGTCACTGGATGTCATGGGGCCAATAAAATCTCCTGCAATTGTGTATCTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_001042470.3 |
| 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 |