

Product datasheet for **SC200428**

SMARCAL1 (NM_001127207) Human 3' UTR Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | 3' UTR Clones |
| Product Name: | SMARCAL1 (NM_001127207) Human 3' UTR Clone |
| Symbol: | SMARCAL1 |
| Synonyms: | HARP; HHARP |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_001127207 |
| Insert Size: | 106 bp |
| Insert Sequence: | >SC200428 3'UTR clone of NM_001127207 The sequence shown below is from the reference sequence of NM_001127207. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC AACTGGGACAGCTTTACGTCTCCCTG TA AAGGGGCAAAAAGAAAAAATAAAAAGCATTTTAAAAATC ATGGAATTGAAATAAAATAATGTATTTTGTAAAAA ACGCGT AAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG |
| 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_001127207.2 |



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Summary:

The protein encoded by this gene is a member of the SWI/SNF family of proteins. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein shows sequence similarity to the E. coli RNA polymerase-binding protein HepA. Mutations in this gene are a cause of Schimke immunoosseous dysplasia (SIOD), an autosomal recessive disorder with the diagnostic features of spondyloepiphyseal dysplasia, renal dysfunction, and T-cell immunodeficiency. [provided by RefSeq, Jul 2008]

Locus ID:

50485

MW:

4.3