

## **Product datasheet for SC200558**

## OriGene Technologies, Inc.

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## S100 alpha 6 (S100A6) (NM\_014624) Human 3' UTR Clone

**Product data:** 

**Product Type:** 3' UTR Clones

Product Name: S100 alpha 6 (S100A6) (NM\_014624) Human 3' UTR Clone

**Vector:** pMirTarget (PS100062)

Symbol: S100A6

**Synonyms:** 2A9; 5B10; CABP; CACY; PRA; S10A6

**ACCN:** NM\_014624

**Insert Size:** 127 bp

The sequence shown below is from the reference sequence of NM\_014624. The complete

sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG

TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC

TTGATCTACAATGAAGCCCTCAAGGGCTGAAAATAAATAGGGAAGATGGAGACACCCTCTGGGGGTCCT

CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: Sgfl-Mlul

**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).

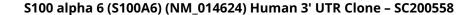
**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The

package also includes 100 pmols of both the corresponding 5' and 3' vector primers in

separate vials.

**RefSeg:** NM 014624.4





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Summary: The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-

hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of Ca2+dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma.

[provided by RefSeq, Jul 2008]

Locus ID: 6277

MW: 4.6