

Product datasheet for **SC203164**

ASC1 (TRIP4) (NM_016213) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | ASC1 (TRIP4) (NM_016213) Human 3' UTR Clone |
| Symbol: | ASC1 |
| Synonyms: | ASC-1; ASC1; HsT17391; MDCDC; SMABF1; ZC2HC5 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_016213 |
| Insert Size: | 269 bp |
| Insert Sequence: | >SC203164 3'UTR clone of NM_016213 The sequence shown below is from the reference sequence of NM_016213. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC GGGTAAATGAAGCAGAATAAAGCTGTCT GA CCAGGAGAAAAGGAACATACAGCATAGTGGAGTTTGG TGTAATAAAATTGCTATCTACTGGTCCTTTGGAATTGAAGTAGTAAACCTAAAGGCTTGGCGTCAGG CTTGAATATCTCAGAACTTAACTCTTACCAAAATCTGTATATTTTTCTTAAGGAGTGGGATTCCTACT TTATGTAATGGGGTCGAAATCTTTGAACACATTATTTATAAAAACCTGTTTAAAAATTCTAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA 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: | <u>NM_016213.5</u> |



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Summary:

This gene encodes a subunit of the tetrameric nuclear activating signal cointegrator 1 (ASC-1) complex, which associates with transcriptional coactivators, nuclear receptors and basal transcription factors to facilitate nuclear receptors-mediated transcription. This protein is localized in the nucleus and contains an E1A-type zinc finger domain, which mediates interaction with transcriptional coactivators and ligand-bound nuclear receptors, such as thyroid hormone receptor and retinoid X receptor alpha, but not glucocorticoid receptor. Mutations in this gene are associated with spinal muscular atrophy with congenital bone fractures-1 (SMABF1). [provided by RefSeq, Apr 2016]

Locus ID:

9325

MW:

10.2