

Product datasheet for MC206102

Sidt1 (BC079584) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sidt1 (BC079584) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sidt1
Synonyms:	AW045928; B830021E24Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC079584

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AGGTTTTTCAGCGATGAGAAAAGGGAAGACTTAAAAAGTCGAAGGGAAAAGCAGCCCTCCCTGGTCCCCACG
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Restriction Sites:

Ascl-NotI

ACCN:

BC079584

Insert Size:

2484 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC079584](#), [AAH79584](#)

RefSeq Size: 4267 bp

RefSeq ORF: 2484 bp

Locus ID: 320007

Cytogenetics: 16 B4

Gene Summary: In vitro binds long double-stranded RNA (dsRNA) (500 and 700 base pairs), but not dsRNA shorter than 300 bp (PubMed:26067272). Not involved in RNA autophagy, a process in which RNA is directly imported into lysosomes in an ATP-dependent manner, and degraded (PubMed:27046251).[UniProtKB/Swiss-Prot Function]