

Product datasheet for RC201135L3

OriGene Technologies, Inc.

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SMARCD3 (NM_001003802) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SMARCD3 (NM_001003802) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: SMARCD3

Synonyms: BAF60C; CRACD3; Rsc6p

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

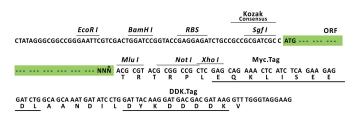
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC201135).

Sgfl-Mlul

Sequence:

Restriction Sites: Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001003802

ORF Size: 1410 bp





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OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 001003802.1</u>, <u>NP 001003802.1</u>

7q36.1

RefSeq Size: 1689 bp
RefSeq ORF: 1413 bp
Locus ID: 6604
UniProt ID: Q6STE5

Protein Families: Druggable Genome, Transcription Factors

MW: 53.5 kDa

Cytogenetics:

Gene Summary: The protein encoded by this gene is a member of the SWI/SNF family of proteins, whose

members display helicase and ATPase activities and which are thought to regulate

transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI

and has sequence similarity to the yeast Swp73 protein. Multiple alternatively spliced

transcript variants have been found for this gene, but the biological validity of some variants

has not been determined. [provided by RefSeq, Jul 2008]