

Product datasheet for SC128189

SASH1 (NM_015278) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SASH1 (NM_015278) Human Untagged Clone
Tag:	Tag Free
Symbol:	SASH1
Synonyms:	CAPOK; dj323M4.1; DUH1; SH3D6A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC128189 sequence for NM_015278 edited (data generated by NextGen Sequencing)

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ATGGAGGACGCGGGAGCAGCTGGCCCGGGCCGGAGCCTGAGCCCAGCCCGAGCCGGAG
CCCGAGCCCGCGCCGGAGCCGGAACCGGAGCCCAAGCCGGGTGCTGGCACATCCGAGGCG
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CCGCCAGGCCCTGAGGCCATGTAG
    
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Clone variation with respect to NM_015278.3

Restriction Sites:

NotI-NotI

ACCN:

NM_015278

Insert Size:

4700 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:	<ol style="list-style-type: none">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_015278.3, NP_056093.3</u>
RefSeq Size:	7709 bp
RefSeq ORF:	3744 bp
Locus ID:	23328
UniProt ID:	<u>O94885</u>
Cytogenetics:	6q24.3-q25.1
Domains:	SH3, SAM
Gene Summary:	<p>This gene encodes a scaffold protein involved in the TLR4 signaling pathway that may stimulate cytokine production and endothelial cell migration in response to invading pathogens. The encoded protein has also been described as a potential tumor suppressor that may negatively regulate proliferation, apoptosis, and invasion of cancer cells, and reduced expression of this gene has been observed in multiple human cancers. Mutations in this gene may be associated with abnormal skin pigmentation in human patients. [provided by RefSeq, Oct 2016]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>