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Product datasheet for RC215416

SKOR1 (NM_001031807) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SKOR1 (NM_001031807) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SKOR1
Synonyms:	CORL1; FUSSEL15; LBXCOR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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ORF Nucleotide Sequence:

>RC215416 representing NM_001031807
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTTTGCTGTGTGGCCTTGGGCAAGTCACTCTGCGTATCTGGGTTTCACTTCCTTCCCAATCCGAAA
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ACGTCGCTGTACGGGGTGCCCATTGTGTCGCTGGTCATCGACGGCCAGGAGCGCCTATGCCTGGCGCAGA
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GGCAACTGCTCCTTCAAGCCACCGCTGTTGCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence:

>RC215416 representing NM_001031807
Red=Cloning site Green=Tags(s)

MALLCGLGQVTLRIWVSLPSQSENGIGSGGMEALTTQLGPGREGSSSPNSKQELQPYSGSSALKPNQVGE
TSLYGVPIVSLVIDGQERLCLAQISNTLLKNYSYNEIHNRRVALGITCVQCTPVQLEILRRAGAMPISSR
RCGMITKREAERLCKSFLGEHKPPKLPENFAFDVVHECAWGSRGSFIPARYNSSRAKCIKCGYCSMYFSP
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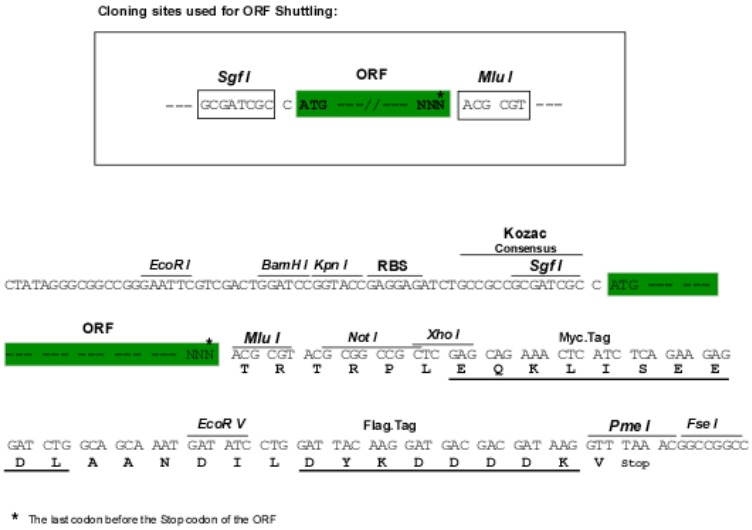
GNCSFKPPLLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8119_g06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001031807

ORF Size: 2763 bp

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: NM_001031807.1, NP_001026977.1

RefSeq Size: 2766 bp

RefSeq ORF: 2765 bp

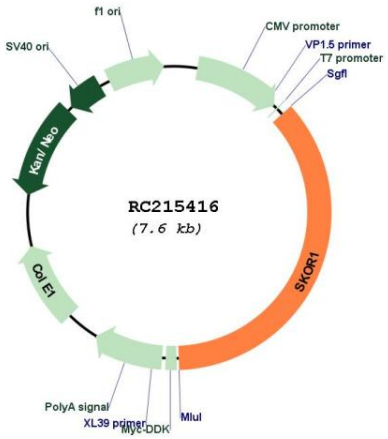
Locus ID: 390598

Cytogenetics: 15q23

MW: 96.03 kDa

Gene Summary: Acts as a transcriptional corepressor of LBX1 (By similarity). Inhibits BMP signaling. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC215416