

Product datasheet for MR215843L3

Ssh2 (NM_177710) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Ssh2 (NM_177710) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Ssh2

Synonyms: mSSH-2L; SSH-2; SSH-2L

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(MR215843).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_177710

ORF Size: 4269 bp



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Ssh2 (NM_177710) Mouse Tagged Lenti ORF Clone - MR215843L3

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 177710.4, NP 808378.2</u>

 RefSeq Size:
 9040 bp

 RefSeq ORF:
 4272 bp

 Locus ID:
 237860

 UniProt ID:
 Q5SW75

 Cytogenetics:
 11 B5

Gene Summary: Protein phosphatase which regulates actin filament dynamics. Dephosphorylates and

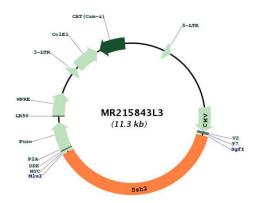
activates the actin binding/depolymerizing factor cofilin, which subsequently binds to actin filaments and stimulates their disassembly. Inhibitory phosphorylation of cofilin is mediated

by LIMK1, which may also be dephosphorylated and inactivated by this protein.

[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR215843L3