

Product datasheet for MR222835L3

Khsrp (NM_010613) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Khsrp (NM_010613) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Khsrp

Synonyms: 6330409F21Rik; Fbp2; Fubp2; Ksrp

Mammalian Cell Puromycin

Selection:

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

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

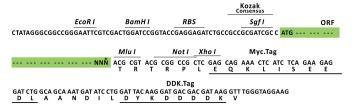
ORF Nucleotide The ORF insert of this clone is exactly the same as(MR222835).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.



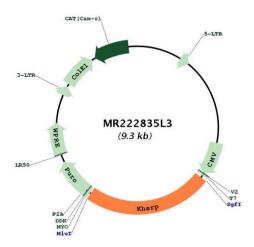
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Plasmid Map:



ACCN: NM_010613 **ORF Size:** 2244 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: <u>NM 010613.3</u>, <u>NP 034743.3</u>

RefSeq Size: 4001 bp RefSeq ORF: 2247 bp



Khsrp (NM_010613) Mouse Tagged Lenti ORF Clone - MR222835L3

 Locus ID:
 16549

 UniProt ID:
 Q3U0V1

 Cytogenetics:
 17 29.63 cM

Gene Summary: Binds to the dendritic targeting element and may play a role in mRNA trafficking. Part of a

ternary complex that binds to the downstream control sequence (DCS) of the pre-mRNA. Mediates exon inclusion in transcripts that are subject to tissue-specific alternative splicing. May interact with single-stranded DNA from the far-upstream element (FUSE). May activate gene expression. Also involved in degradation of inherently unstable mRNAs that contain AUrich elements (AREs) in their 3' UTR, possibly by recruiting degradation machinery to ARE-

containing mRNAs (By similarity).[UniProtKB/Swiss-Prot Function]