

Product datasheet for MR205726L3

St13 (NM_133726) Mouse Tagged Lenti ORF Clone

Sgfl-Mlul

Product data:

Tag:

Symbol:

Selection: Vector:

Sequence:

Restriction Sites:

Cloning Scheme:

Product Type: Expression Plasmids Product Name: St13 (NM 133726) Mouse Tagged Lenti ORF Clone Myc-DDK St13 Synonyms: 1110007I03Rik; 3110002K08Rik; AW555194; HIP; HOP; HSPABP; HSPABP1; p48; PRO0786; SNC6 Mammalian Cell Puromycin 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(MR205726).

ORF Safl Mlu I --- GCG ATC GCC ATG --- // --- NNN ACG CGT ---

Cloning sites used for ORF Shuttling:

EcoR I BamH I RBS Sgf I ORF CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGC C ATG Mlu I Notl_Xhol Mvc.Tag DDK.Tag

GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TGGGTAGGAAG D L A A N D I L D Y K D D D K V

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

ACCN: **ORF Size:** NM 133726 1116 bp

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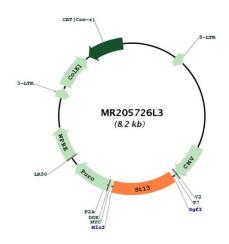
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ORIGENE St13 (I	NM_133726) Mouse Tagged Lenti ORF Clone – MR205726L3
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene 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. <u>More info</u>
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 133726.2</u>
RefSeq Size:	1622 bp
RefSeq ORF:	1116 bp
Locus ID:	70356
UniProt ID:	<u>Q99L47</u>
Cytogenetics:	15 E1
Gene Summary:	One HIP oligomer binds the ATPase domains of at least two HSC70 molecules dependent on activation of the HSC70 ATPase by HSP40. Stabilizes the ADP state of HSC70 that has a high affinity for substrate protein. Through its own chaperone activity, it may contribute to the interaction of HSC70 with various target proteins (By similarity).[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for MR205726L3

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