

Product datasheet for MC200093

St13 (NM_133726) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St13 (NM_133726) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	St13
Synonyms:	1110007I03Rik; 3110002K08Rik; AW555194; HIP; HOP; HSPABP; HSPABP1; p48; PRO0786; SNC6
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC003843 sequence for NM_133726

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GCGGCAGCCGCCCTTCCACTTGGTCACGTTGAGCCGCTCCCGGGCCTGGCATCGGGCCTCCGCAGCCG
CCCACCGCTGCAGCTTCCAGCCTCCACCATGGATCCCCGAAAGTGAGCGAGCTTCGGGCCTTCGTGA
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GATTGAGTTGGAAAAAATAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_133726
Insert Size:	1116 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:	BC003843 , AAH03843
RefSeq Size:	1645 bp
RefSeq ORF:	1116 bp
Locus ID:	70356
UniProt ID:	Q99L47
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]