

Product datasheet for **SC122783**

HAP40 (F8A1) (NM_012151) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAP40 (F8A1) (NM_012151) Human Untagged Clone
Tag:	Tag Free
Symbol:	HAP40
Synonyms:	DXS522E; F8A; HAP40
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_012151 edited
 CATGGCGGCAGCGGCTGCAGGCTGGGCGGCGGCGCGCCGGACCCGAGGCCGG
 GGACTTCTGGCCGCTACCGGCTGGTATCGAACAAAGCTGAAGAAAGCGGTTCTGCGGAA
 GCCGAACGTGGCGGAGGCCGGCGAGCAGTTCGGACAGCTGGGCCGGGAGCTGCGGCCCA
 GGAGTGTCTGCCCTACGCGGCTGGTGCCAGCTGGCGGTGGCGGCTGCCAGCAGGCGCT
 CTTCCACGGGCCCGGGAGGCGCTGGCCCTACCGAGGCCGCCCGCTCTTCTGCGGCA
 GGAGCGCGACGCGCGCCAGCGCTGGTCTGCCCCGCCGCTACGGGGAGCCGCTGCAGG
 CGCCGCCAGCGCCCTGGGCGCCGCGGTGCGTCTGCACCTCGAGCTGGGCCAGCCGCGCG
 CGCCGCCGCCCTTGCTCGAGCTGGCCGCCGCTGCGCGACCTGGGCCAGCCGCGCGC
 CGCCGCCGGTCACTTCCAGCGCGCCGCCAGCTCCAGCTGCCCCAGTGCCCTGGCCGC
 GCTGCAGGCGCTGGCGAGGCCGCTCTGCCAGCTGCTGGCGCGGACTACACCGCGC
 CCTGGCGGTCTTACGCGCATGCAGCGCTGGCGGGAGCACGGCAGCCACCGGTGCA
 GTCAGTCCGCCGCCCGCCGCCGCGCACCCAGCCGGGCCCGGGGCGACGCCGCCCT
 ACCGGCCGCGCTGCTTCTCCGAATCCGGCTCGGCGGCCCTCTCCCGCCGCTGGG
 CGCCTTCTCGAGCTGCTGGTCCGCTGCGAGGTGTCCGCGTGTCTGTGCTCTCTCT
 GCAACCACCGCCGCCAAGCTGTGCGGAGCAGCCAGACCCTGGAGAAGTACTCCTG
 GGAGGCTTTTGACAGCCACGGGAGGAGAGCAGCGGCCAGCTTCCGAGGAGCTTTTCT
 GCTGCTCCAGTCTTTGGTCATGGCTACCCACGAAAAGACACGGAAGCCATCAAGTCGT
 GCAGGTGGAGATGTGGCCACTGTTGACTGCTGAGCAGAACCACTCTTACCTCGTTCT
 GCAAGAAACCATCTCCCCTCAGGACAGGGAGTCTGATCCATCCATTACCCAGTACT
 TCTTTTGGCCAGGCTGGACTTTTGCATCAGTACGTTAACAGATGACTTTGCGCTGT
 TACCAACCTCATGCATCCAGTTTGGCTGCGGAGGAATAAAAGACATCGTTCCCGC
 TTCTGCGTTTGTATTCTACTGCCGCATAGGAATTATTTGCTGGCTGAACGTTACC
 AGCACCCCGAGAACACATTTTGATAGAATCAGAGTAGAGGACATGGCTGTCTTCTAAAA
 GCCACGACATGAAAATGACAATCCCTTTCTGCTCTCTTCTCCGCTGCTTCCACCTAACGC
 AGCCTCTGCTCCGCTTTGTTTCATAGTGAGGATTTTATTTTGACGCGGCCCTCCCT
 CTAAATACCTACCTAGATGATTTATCTGCCCCCTCACTTCTTAACATATTCTGTGTC
 TTTGTAATGGCCAAATTTCTCTTCCACTCGTCCGACGGTACGCTTTCATGGGAGTCAT
 TTTATTCTTACAGCTTCTTGTAAACACAGCCCTAAATCCATGATAAAGCTACTCTGT
 ACTCTCAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_012151 unedited
 CGTCAGATTTGTATACGACTTACTATAGGCGGCGGCGGCGCCGGGACGATTCCCGGGCTCATGGCGGCAG
 CGGCTGCAGGCTGGGCGGCGGCGGCGCCGGGCCGGGACCCGAGGCCGGGAGCTTCTGG
 CCCGCTACCGGCTGGTATCGAACAAAGCTGAAGAAAGCGGTTCTGCGGAAGCCGAACGTGG
 CGGAGGCCGCGAGCAGTTCGGACAGCTGGGCCGGGAGCTGCGGCCAGGAGTGTCTGC
 CTTACGCGGCTGGTGCCAGCTGGCGGTGGCGGCTGCCAGCAGGCGCTTTCACGGGC
 CCGGAGAGGCGCTGGCCCTACCGAGGCCGCCGCTCTTCTGCGGCAGGAGCGCGAGC
 CGCGCCAGCGCTGGTCTGCCCCGCCGCTACGGTGAGCGCTGCAGGCCGCCGCCAGCG
 CCCTGGGCGCGCGGTGCGTCTGCACCTCGAGCTGGGCCAGCCGGCCGCCGCCGCCGCC
 TCTGCTCGAGCTGGCCGCCGCTGCGCGACCTGGGCCAGCCGGCCGCCGCCGCCGGTC
 ACTTCCAGCGCGCCGCCAGCTCCAGCTGCCCCAGCTGCCCTGGCCGCGCTGCAGGCGC
 TTTGGCGAGGCCGCTCTGCCAGCTGCTGGCGCGGACTACACGGCGCCCTGGCGGTC
 CTCACGCGCATGCAGCGCTGGCGGGAGCCCGCAGCAACCCGGTGGCATAACTGCCG
 CCCGCCCGCGCGGGACCAATCCCGGCCGGGCGAAGCCCGCTTACCGCCGCTT
 GTTCTCCGAACTCAGTTGGGGGGGCGCTTTTCCGCCCCCTGGGCCCTTTTGAAG
 TGCTGGGTCCCTTGCGAGGTGTCCCGGGCGCTGTTGTGGTTCCCTGGAACACCCGCC
 GCCAAGACTCTGTCGGAACACCCAAACC

Restriction Sites: Please inquire
ACCN: NM_012151

Insert Size:	1731 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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
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_012151.3 , NP_036283.2
RefSeq Size:	1720 bp
RefSeq ORF:	1116 bp
Locus ID:	8263
UniProt ID:	P23610
Cytogenetics:	Xq28
Gene Summary:	This gene is contained entirely within intron 22 of the factor VIII gene; spans less than 2 kb, and is transcribed in the direction opposite of factor VIII. A portion of intron 22 (int22h), containing F8A, is repeated twice extragenically closer to the Xq telomere. Although its function is unknown, the observation that this gene is conserved in the mouse implies it has some function. Unlike factor VIII, this gene is transcribed abundantly in a wide variety of cell types. [provided by RefSeq, Jul 2008]