

Product datasheet for SC113755

HEATR1 (NM_018072) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HEATR1 (NM_018072) Human Untagged Clone
Tag:	Tag Free
Symbol:	HEATR1
Synonyms:	BAP28; UTP10
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018072, the custom clone sequence may differ by one or more nucleotides

ATGACGTCCTTAGCCAGCAGCTGCAACGACTCGCCCTCCCTCAAAGTGATGCCAGCCTCTATCTAGAG
ATGAAGTTGCTTCTTTGTTATTTGACCCTAAGGAAGCGGCCACAATCGACAGGGACACCGCTTCGCCAT
TGGATGTACTGGCTGGAAGAGTTGCTTGAATTGATCCTTCCTTTGAGCAGTTTGAAGCACCCTGTTC
AGTCAGCTAGCAAAACCTTGGAGCGAAGTGTTGAGACCAAGCAGTAAACAAACAGTTGGATGAAAACA
TTTCATTATTCTTATTCACCTTGTGCGCTTACTTCCTGCTTAAGCCAGCACAGAAGTGTCTGGAGTGGTT
GATTCACAGGTTCCATATACATCTCTATAATCAAGATAGCCTCATTGCTTGTGTTCTGCCATACCACGAG
ACAAGAATATTTGTGCGAGTCATACAGCTTCTAAAAATTAATAATTCAAAGCACAGATGGTTCTGGTTGT
TGCCAGTTAAGCAATCTGGAGTGCCGTTAGCTAAAGGAACCTTGATTACCCACTGCTACAAAGATCTTGG
ATTCATGGATTTCAATTTGCAGTTTGGTGACAAAATCTGTGAAGGTTTTTGCTGAGTACCCGGGCAGCTCA
GCTCAGTTGAGGGTGCTCTTGGCTTTCTATGCTTCTACCATAGTGTGCGCGCTGGTAGCTGCAGAGGACG
TATCAGACAATATCATCGCCAACTATTTCCCTATATCCAAAAGGGATTGAAATCATCTTTACCAGATTA
CAGAGCTGCAACATACATGATAATATGTCAGATTTCTGTGAAAGTGACCATGGAAATACCTTTGTGAAT
TCATTGGCATCACAGATCATCAAAACATTGACCAAGATTCCCTCTTTGATCAAGGATGGGTTAAGTTGCT
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CTTCCCCATCTGGTCGTCTCCATCATTTCATGTTACAGGAGAAGAACTGAAGGAATGGATGGTCAAA
TCTACAAGAGACACTTAGAAGCTATACTTACAAAAATATCACTGAAGAACAACCTAGACCATTTGTTGGC
TAGCCTTCTATTTGAAGAGTATATTTTCATATAGTTCACAGGAAGAAATGGATTCTAATAAAGTGTCTTTG
CTTAATGAACAATTTCTTCCACTCATTAGGCTTTTGAAGCAAAATACCCAGAACATTAGATGTTGTAT
TAGAGGAACACTTAAAGGAAATTCAGATCTGAAAAACAAGAGCTTTTCCATCAGTTTGTCTCTTTT
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TATAAGTGCTTTTGAGATTTTCAAAGAACAACCTTCAGTTCAGAAGTGACGATTTCAAATCTTCTGAATCTC
TTTCAAAGAGCAGAACTTTCAAAGAATGGAGAATGGTACGAGGTAAGATAGCCGCTGACATATTAA
TTAAAGAAGAGATACTGAGTGAAAATGATCAGTTGTCAAATCAGGTGGTTGTATGTTTGCTGCCATTTAT
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GTCTCCAGCGAGGTCTACCTGCTCAGTGCCTTGGCTGCTCTGCAGAAGGTTGTGGAGACTCTCCGCACT
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CAACTTGGCAGATTGCATTGCTGAAAAGCTGAAAAGGCTTTTTACTCTGTTTGCCGGCCACTTAGTGAAG
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ACCCTGAAAAGTGTCTGCTGTTGCTGTTGAGTTTATTTTGAAGTGTATACAAAATCTTCTTTTGTATC
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GTCTTGCTACCAGAATCCATTCTTTCTTAGCAGAGTTGATGGAAGATGAATGTGAAGAAGTAGAACATC
AGTGCCAAAAGACTATTAGCAACTGAAAAGTGTCTGGGAGAGCCACTCCAGAGCTATTCTAA
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**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_018072 unedited

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CGTCGNAATTTGTAAACGACTCCTATAGGGCGGCCGCGATTTCGGCACGAGGAAGCGCTGG
ACCTTTTGAATAACAAGCTGCAGCAAAATATTATCCTGGAAGAAGACAATAGTTACCCGT
TTCTTAAACTGGTTCCAGACCTTTTGGCCATTGTGCAGCGTAAGAAAAAGGAAGGGAA
GAAGAACAAGCAATCAACAGACAGACAGCGTTGTATACCTTAAAGCTTTTATGCAAGAAT
TTTGGTGCAGAAAATCCAGATCCTTTTGTCCCAGTGCTGAGCACTGCTGTGAACTGATT
GCTCCAGAGAGAAAGGAGGAGAAGAAATGTCTTGGGAAGCGCGTCTGTGCATAGCAGAG
GTGACCTCCACCTGGAGGCGCTGGCCATCCCCAGCTTCCCAGCCTGATGCCATCGTTG
CTGACAACAATGAAGAACACCAGCGAGCTGGTCTCCAGCGAGGTCTACCTGCTCAGTGCC
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CAGGCTAATATCCGTCTCACATCTCTTAAAAAGACACTGGCTACCACACTTGACCCCGA
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ACCTCCCATCAGTCTCAGCTAACCGCCTTTTCTGGAGGCCCTGGACTTCCGAGCCCAG
CACTCTGAGAACGATCTGGNAGGAGTTGGAAAAACGGAANTGTATNCATGACTGTCTAG
TAGCCATGGTTGTCAAATTNTCGAGGTACATTACAGCCCCTGTCTTAN
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018072 unedited <pre>CGCCCAGGGGCAACCAANACAACAACCTTTCCCCCCCCANNNTTTACTGTGNNCNCNCGG NNCCGCATTNANGATCGAGTTTTTTTTTTTTTTTTTGTCTGTATAAAAAACCGTGTAT CATTTACTCTTTCTGCAGCTCTATACGATAGGCAGGAGAGGCTTATGTGGCAGCACAAAGC CAGGTGGGGATTTGTAAACGAAGTGATAAAACATTTGTAAGTAATCCAAGTAGGTGATT AAGGCACCAAAAGTAACATGGCACCCAACCCAAAAATAAAAATATGAAATATGAGTGT GAACCTGAGTAGAGTATGAAACACCACAGAAAGTCTTAGAAATAGCTCTGGAGTGGCTC TCCCAGGACAGTTTCCAGTTGCTGAATAGTCTTTTGGCACTGATGTTCTACTTCTTCACA TTCATCTTCCATCAACTCTGCTAAGAAAGGAATGGATTCTGGTAGCAAGACAATATAATT CTCCTTTAGTTTTTCAGCCAGTGCTAACACAGTAATCAAAGCAGCAAAATCGAACCTTAGG CGAGGAGCCTCTCGTCTTAGCAGAATCTGGTAGTTCAGTGGTTTCCAAAGAGAGTCATC CGCCATGGCCACTGAAACTGTGCGATGCATGGTATCANGTGCTTTGTCACCCGTTCTTG GAATTTCTCTTCTCCCCAAGCCTGTTTTCCAGCTGATCCACCCAGAGCATCATCAAGGC TCCTGCTCTCTTTACTTATAAAATGCTGGGTATCAAAAAGGAGATTNTGTATAAACA CGTTCAAAATAAACTTGCAACAGCAAGCAAGCCCTTTTCCAGGGTCATTTTATAGAGTCAA AAATGCTTCATCTGGTTTTGAAATGTTACCCTGCTCCAAGTGGTCAGCCAAAGGCTCC ACTTAAATGCCCCGGCCAAACACAATAAAAAGGCCCTTTAACTTTTCCGCAATGCAATCTG GCAATTTGTAAATGGCCAACACCTGGTCCTTGGGGCATCTTTTGT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018072
Insert Size:	1880 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:	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_018072.2</u> , <u>NP_060542.2</u>
RefSeq Size:	8497 bp
RefSeq ORF:	1050 bp
Locus ID:	55127
UniProt ID:	<u>Q9H583</u>
Cytogenetics:	1q43

Gene Summary:

Ribosome biogenesis factor. Involved in nucleolar processing of pre-18S ribosomal RNA. Required for optimal pre-ribosomal RNA transcription by RNA polymerase I.[UniProtKB/Swiss-Prot Function]