

Product datasheet for **SC318710**

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
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018072, the custom clone sequence may differ by one or more nucleotides <pre> ATGACGTCCTTAGCCCAGCAGCTGCAACGACTCGCCCTCCCTCAAAGTGATGCCAGCCTC TTATCTAGAGATGAAGTTGCTTCTTTGTTATTTGACCCTAAGGAAGCGGCCACAATCGAC AGGGACACCGCCTTCGCCATTGGATGTACTGGCCTGGAAGAGTTGCTTGGAAATTGATCCT TCCTTTGAGCAGTTTGAAGCACC GTTGTTCAGTCAGCTAGCAAAAACCTTGAGCGAAGT GTTGAGACCAAAGCAGTAAACAAACAGTTGGATGAAAACATTTTCATTATTCCTTATTCAC TTGTGCGCTTACTTCTGCTTAAGCCAGCACAGAAGTGCTGGAGTGGTTGATTCACAGG TTCCATATACATCTCTATAATCAAGATAGCCTCATTGCTTGTGTTCTGCCATACCACGAG ACAAGAATATTTGTGCGAGTCATACAGCTTCTAAAAATTAATAATTCAAAGCACAGATGG TTCTGGTTGTTGCCAGTTAAGCAATCTGGAGTGCCGTTAGCTAAAGGAACCTTGATTACC CACTGCTACAAAGATCTTGGATTCATGGATTTCAATTTGCAGTTTGGTGACAAAATCTGTG AAGGTTTTTGTGAGTACCCGGGCAGCTCAGCTCAGTTGAGGGTGCTCTTGGCTTTCTAT GCTTCTACCATAGTGTGCGCGCTGGTAGCTGCAGAGGACGTATCAGACAATATCATCGCC AACTATTTCCCTATATCCAAAAGGGATTGAAATCATCTTTACCAGATTACAGAGCTGCA ACATACATGATAATATGTCAGATTTCTGTGAAAGTGACCATGGAAAATACCTTTGTGAAT TCATTGGCATCACAGATCATCAAAACATTGACCAAGATTCCCTCTTTGATCAAGGATGGG TTAAGTTGCTTGATAGTGCTCCTGCAGAGACAGAAGCCAGAGAGCCTTGGGAAAAAGCCA TTCCCTCACTTATGTAATGTTCTGATCTTATTACAATACTTCATGGGATTTCTGAAACT TACGATGTCAGTCCTCTTCTGCATTACATGCTTCCCCATCTGGTCGTCTCCATCATTCTAT CATGTTACAGGAGAAGAACTGAAGGAATGGATGGTCAAATCTACAAGAGACACTTAGAA GCTATACTTACAAAAATATCACTGAAGAACAACCTAGACCATTTGTTGGCTAGCCTTCTA TTTGAAGAGTATATTTTCATATAGTTCACAGGAAGAAATGGATTCTAATAAAGTGCTTTG CTTAATGAACAATTTCTCCACTCATTAGGCTTTTAGAAAGCAAATACCCAGAACATTA GATGTTGTATTAGAGGAACACTTAAAGGAAATTGCAGATCTGAAAAACAAGAGCTTTTC CATCAGTTTGTTTCTCTTCTACAAGTGAGGAAAGTATCAGTTTTTAGCAGATTCTGAT ACTTCTTTGATGCTCAGCCTGAATCATCCAATTGCTCCTGTGAGAATTCTGGCCATGAAT CATTTGAAAAAGATCATGAAAACATCAAAGGAGGGTGTGATGAATCTTTCATAAAGAA GCTGTTTTAGCCCGATTAGGTGATGATAATATAGATGTTGTTTTGTGCGCTATAAGTGCT TTTGAGATTTTCAAAGAACACTTCAGTTCAGAAGTGACGATTTCAAATCTTCTGAATCTC TTTCAAAGAGCAGAACTTTCAAAGAATGGAGAATGGTACGAGGTACTTAAGATAGCCGCT </pre>



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 CAGAGCTATTTT

Restriction Sites:	Please inquire
ACCN:	NM_018072
Insert Size:	8497 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_018072.4, NP_060542.4</u>
RefSeq Size:	8497 bp
RefSeq ORF:	6435 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]