

Product datasheet for SC306139

RHOXF1 (NM_139282) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RHOXF1 (NM_139282) Human Untagged Clone
Tag:	Tag Free
Symbol:	RHOXF1
Synonyms:	OTEX; PEPP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306139 representing NM_139282. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCGGTTTCGCTCGTCCACGACACCGTGTCTACTGCCTGAGTGTATACAGGTAAAAATAAGCCCC
 ACACCTCAGCTGGGGCAGCATCAAGCGCAGAAGGCCATGTTGGCCAAGGAGCTCCAGGCCTCATGGGT
 AATATGAACCTGAGGGCGGTGTGAACACGAGAACGGCATGAACCGCATGGCGGCATGATCCCGAG
 GGCGGCGGTGAAACCAGGAGCCTCGGCAGCAGCCGAGCCCCGCCGGAGGAGCCGGCCAGGCGGCC
 ATGGAGGGTCCGAGCCCGAGAACATGCAGCCACGAACTCGGCGCACGAAGTTCACGCTGTTGCAGGTG
 GAGGAGCTGGAAGTGTTCGACACACTCAATACCCTGATGTGCCACAAGAAGGGAAGTTCGCCGAA
 AACTTAGGTGTGACTGAAGACAAAGTGCGGGTTTGGTTTAAGAATAAAGGGCCAGATGTAGGCGACAT
 CAGAGAGAATTAATGCTCGCCAATGAACACTCGTGCTGACCCAGACGACTGTGTCTACATCGTCGTGGAC
 TAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_139282
Insert Size:	555 bp


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OTI Disclaimer:	<p>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.</p> <p>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</p>
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:	<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:	NM_139282.2
RefSeq Size:	780 bp
RefSeq ORF:	555 bp
Locus ID:	158800
UniProt ID:	Q8NHV9
Cytogenetics:	Xq24
Protein Families:	Druggable Genome, Transcription Factors
MW:	20.5 kDa
Gene Summary:	This gene is a member of the PEPP subfamily of paired-like homeobox genes. The gene may be regulated by androgens and epigenetic mechanisms. The encoded nuclear protein is likely a transcription factor that may play a role in human reproduction. [provided by RefSeq, Dec 2012]