

## Product datasheet for SC110885

### ERH (NM\_004450) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ERH (NM_004450) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERH
Synonyms:	DROER
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC110885 sequence for NM_004450 edited (data generated by NextGen Sequencing)

```
ATGTCTCACACCATTTTGTGCTGGTACAGCCTACCAAGAGGCCAGAAGGCAGAACTTATGCT
GACTACGAATCTGTGAATGAATGCATGGAAGGTGTTTGTAAAATGTATGAAGAACATCTG
AAAAGAATGAATCCCAACAGTCCCTCTATCACATATGACATCAGTCAGTTGTTTGATTTTC
ATCGATGATCTGGCAGACCTCAGCTGCCTGGTTTACCGAGCTGATACCCAGACATACCAG
CCTTATAACAAAGACTGGATTAAGAGAAGATCTACGTGCTCCTTCGTGGCAGGCCCAA
CAGGCTGGGAAATAA
```

Clone variation with respect to NM\_004450.2

5' Read Nucleotide Sequence: >OriGene 5' read for NM\_004450 unedited

```
AGTATTTTGTAAACGACTCACTTATAGGGCGGCCGCGATTTCGGCACGAGGCGGCGGCGG
TGTCGGCAGCTGCTGTAGCGAAGAGATTTGGCGCGATGTCTCACACCATTTTGTGCTGGTAC
AGCCTACCAAGAGGCCAGAAGGCAGAACTTATGCTGACTACGAATCTGTGAATGAATGCA
TGGAAGGTGTTTGTAAAATGTATGAAGAACATCTGAAAAGAATGAATCCCAACAGTCCCT
CTATCACATATGACATCAGTCAGTTGTTTGATTTTCATCGATGATCTGGCAGACCTCAGCT
GCCTGGTTTACCGAGCTGATACCCAGACATACCAGCCTTATAACAAAGACTGGATTAAG
AGAAGATCTACGTGCTCCTTCGTGGCAGGCCAACAGGCTGGGAAATAATTGTGTGGAA
AGCACTGGGGGGTGGGGTGGGCTTGGAACACAGGTGTGTACAGCGTGCTGTAGTGGAA
GTTTTGTATCATAGTAATCCTGTTTCCACTTTGTATACTCTAGCCAAGATTGACTGTAT
TAGATGAAATGTGAGGATCTTGTTCATCGAAACCCCGTTACCTCCTTTTTCTTTCTTC
TCTTTCTTTNTTTTTTTTACTTAAACATTTTTATGATGATTTAGATGGAAGTTGTTCTT
CGTCACCTAATGTTGGGTTCACTCCTTCAACTGTTTCATATCTACTTTATAACATTCACAT
ACTAACCTTCTTCAGATGGGGTGGGGGGTGGGAAATGCAGTTTAACCATGTCCTCAAG
ATAAAGTCTTGGTAAAAATAAATAAATGCCTTTAGTTATATTTTAAAAAAAAAAAAAAAA
AACTCGACTCTAGATTGCGGGCA
```



[View online »](#)

<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_004450 unedited CGCAATCTAGTAGTCGAGTTTTTTTTTTTTTTTTTTTTTAAAAATAACTAAAGGACATTTAT TTATTTTTACCAAGACTTTATCTTGAGGACATGGCTAAACTGCATTTCCACCCCCACCC CATCTTGAAGAAGGTTAGTATGTGAATGTTATAAAGTAGATATGAACAGTTGAAGGACT GGAACCAACATTAAGTGACGAAGAACAACCTCCATCTAAATCATCATAAAAAATGTTAAG TAAAAAAAAAAAAAGAAAGAGAAAAGAAAAGAGGAGTAACGGGGTTCGATTGAACA AGATCCTCACATTTTCATCTAATACAGTCAATCTTGCTAGAGTAAACAAAGTGGAAACA GGATTACTATGATACAAAACCTTCCACTACAGCAGCTGTACACACCTGTGTTCCAAGCCC ACCCCAACCCCCCAGTGCTTCCAACACAATTATTTCCAGCCTGTTGGCCTGCCGACG AAGGAGCAGTAGATCTTCTCTTAATCCAGTCTTTGTTATAAGGCTGGTATGTCTGGGT ATCAGCTCGTAAACATGCAGCTGATGTCTGCCAGATCATCGATGAAATCAAACAACCTG ACTGATGCATATGTGATTAGAGGACCTGTGGGATTATTTTTTTTAGATGTTTAAATACA TTTTACAAACACTTCCATGCATTCTTTACAGATTCGTATCAGATAAGTTCTGCCTTTTG GCCTTTGGGAAGCTGTCCAACAAAATGTTGGAGAATTCGGCCAAATTTTTTGGTTACAG AATTGGCGAACCGCGCGGCCCTTTTGGCAATTTGCGGGCGGCCCTATTGAGGTGGTTTT AAAAATCTGAACGGTCACTAACAAANTTTGGTTTTTGACCTCCACCGTAACGCCTTCG CCCTTTGGGGTTACGGGGCGGGTTTTATCAACTTTGGAATCCGGGTTTTTGGGCCAAAAA ATCCCTTGTCGCAATGGGGGAATTGGAATCCGG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_004450
<b>Insert Size:</b>	800 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_004450.1</a></u> , <u><a href="#">NP_004441.1</a></u>
<b>RefSeq Size:</b>	815 bp
<b>RefSeq ORF:</b>	315 bp
<b>Locus ID:</b>	2079
<b>UniProt ID:</b>	<u><a href="#">P84090</a></u>
<b>Cytogenetics:</b>	14q24.1
<b>Domains:</b>	ER

**Gene Summary:** May have a role in the cell cycle.[UniProtKB/Swiss-Prot Function]