

## Product datasheet for **SC337796**

### DNA helicase HEL308 (HELQ) (NM\_001297755) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DNA helicase HEL308 (HELQ) (NM_001297755) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNA helicase HEL308
Synonyms:	HEL308
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001297755, the custom clone sequence may differ by one or more nucleotides

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ATGGATGAATGTGGTCCCGCATCCGCCGGCGGGTGTCTCTCCCAAAAGGAACCGTCCAAGCTTGGGGT
GTATTTTTGGCGCTCCCACCGCGCCGAGCTCGAGCCCGGAGATGAGGGGAAAGAGGAGGAAATGGT
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AAAAAGCAGAAGCCCTGCAAGAAGAGGTAGAAGAGTTACTAAGATTGCCTTCTGATTTCCCTGGTGTGT
GGCTTCTTCCACTGACAAGCATGA
    
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**Restriction Sites:** Sgfl-Mlul

<b>ACCN:</b>	NM_001297755
<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_001297755.1</a></u> , <u><a href="#">NP_001284684.1</a></u>
<b>RefSeq Size:</b>	3422 bp
<b>RefSeq ORF:</b>	3105 bp
<b>Locus ID:</b>	113510
<b>Cytogenetics:</b>	4q21.23
<b>Gene Summary:</b>	HEL308 is a single-stranded DNA-dependent ATPase and DNA helicase (Marini and Wood, 2002 [PubMed 11751861]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (2) lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1.