

Product datasheet for **SC338073**

HECW1 (NM_001287059) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HECW1 (NM_001287059) Human Untagged Clone
Tag:	Tag Free
Symbol:	HECW1
Synonyms:	NEDL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001287059, the custom clone sequence may differ by one or more nucleotides

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ATGCTGCTGCACCTGTGTAGTGTGAAGAATCTGTACCAGAACAGGTTTTTAGGCCTGGCCGCATGGCGT
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 AGGAAACCAGCACCTTTGACTTGAGTGA

Restriction Sites: SgfI-RsrII
 ACCN: NM_001287059

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:	<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:	<u>NM_001287059.1</u> , <u>NP_001273988.1</u>
RefSeq Size:	6523 bp
RefSeq ORF:	4719 bp
Locus ID:	23072
UniProt ID:	<u>Q76N89</u>
Cytogenetics:	7p14.1-p13
Gene Summary:	<p>E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent degradation of DVL1. Also targets the mutant SOD1 protein involved in familial amyotrophic lateral sclerosis (FALS). Forms cytotoxic aggregates with DVL1, SSR3 and mutant SOD1 that lead to motor neuron death in FALS.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and lacks an alternate in-frame exon in the central coding region, compared to variant 1, resulting in an isoform (b) that is shorter than isoform a.</p>