

## Product datasheet for **SC330458**

### ENC1 (NM\_001256575) Human Untagged Clone

#### Product data:

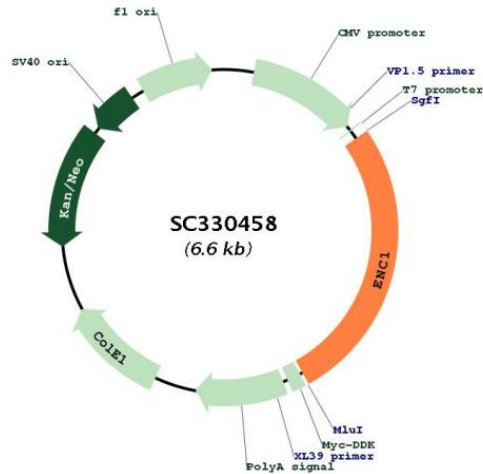
**Product Type:** Expression Plasmids  
**Product Name:** ENC1 (NM\_001256575) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ENC1  
**Synonyms:** CCL28; ENC-1; KLHL35; KLHL37; NRPB; PIG10; TP53I10  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330458 representing NM\_001256575.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCAGTCAGTGTGCATGAGAACC GCAAGTCCAGGGCCAGCAGCGGCTCCATTAACATCTATCTGTTT
CACAAAGTCCTCTACGCTGACAGCGTCTCACTCACCTGAATCTTTACGCCAGCAGCGTCTCTTCACT
GACGTCCTTCTCCATGCCGAAATAGGACCTTCCTTGCCACCGGGCAGTGTGGCTGCATGCAGTCGC
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ATCCACCCAGAAGTCTTGAGCTGCTGCTTACTGCTACTCCTCCCGGGTCACTCATCAATGAAGAA
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GAACTGTTGCAGACAGTAAGGCTGGCACTTCTGCCAGCCATCTATCTCATGGAGAATGTGGCCATGGAG
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GCAGTAGTGAGTGCCAACTTAAGTTATTTGCTTTCGGAGGTACCAGTGTGATGACAAGCTCCCC
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AAGACTTTGGACTGCTACGATCCAACATTAGACGTGTGGAACAGCATCACCAGTGTCCCCTACTCGCTG
ATTCCTACTGCATTTGTCAGCACCTGGAACATCTGCCTTCTTAA
```

**Restriction Sites:** SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001256575

**Insert Size:** 1770 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).

**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:** [NM\\_001256575.1](#)

**RefSeq Size:** 5645 bp

**RefSeq ORF:** 1770 bp

**Locus ID:** 8507

**UniProt ID:** [O14682](#)

**Cytogenetics:** 5q13.3

**Protein Families:** Druggable Genome

**MW:** 66.1 kDa

**Gene Summary:**

This gene encodes a member of the kelch-related family of actin-binding proteins. The encoded protein plays a role in the oxidative stress response as a regulator of the transcription factor Nrf2, and expression of this gene may play a role in malignant transformation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]

Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2, and 3 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.