

## Product datasheet for **SC303802**

### Zinc finger protein 460 (ZNF460) (NM\_006635) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zinc finger protein 460 (ZNF460) (NM_006635) Human Untagged Clone
Tag:	Tag Free
Symbol:	Zinc finger protein 460
Synonyms:	HZF8; ZNF272
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC303802 representing NM\_006635.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCGGCGCGTGGATGGCTCCGGCGCAGGAGTCTGTGACCTTCGAGGATGTGGCTGTGACATTTACC
CAGGAGGAGTGGGGCAGTTGGACGTGACCCAGAGGGCCTTGACGTGGAGGTGATGCTGGAGACCTGT
GGGCTTCTGGTCGCACTGGGTGACAGCACAAAACCTGAGACCGTAGAGCCTATCCCTTCTCATCTGGCC
TTGCCTGAGGAAGTCTCACTCCAGGAACAGCTGGCACAGGGAGTCCCAAGATACTCTATTTGGGGCAG
GCCATGGATCAAGATGGGCCATCTGAAATGCAGGAATACTTTTTGAGACCAGGGACAGCCACAGAGT
GAGAACTCCATGGGAAATGAGCCTTGAACACGAAGTTTGGCGACAGCTGATGGTATTTGTTCAATG
ATGATACAGAACCAAGTCTCACCAGAAGATGCTCTCTATGGATTTGACTCATATGGACCAGTTACAGAT
TCCTTGATTCATGAAGGGGAAAATTCCTATAAATTCGAGGAAATGTTAATGAGAATTGCTTCCTTGTT
CAGCATGAGCAGATTCTCCCTCGTGTGAAGCCCTATGATTGCCCAGAATGTGGGAAAGCCTTCGGCAAG
AGCAAACACCTCCTTCAGCATCACATCATCCATACTGGGAGAAGCCCTATAAATGCCTGGAGTGTGGG
AAAGACTTCAACCGCAGTCCACCTCACACGGCACAGCGGACTCACAATGGAGATAAGCCCTTTGTG
TGCAGTGAATGTGGAAGGACCTTCAATCGCGGGTTCGCACCTTACACGGCACAGCGGGTTCACAGTGA
GAGAAGCCTTTTGTGTGCAATGAATGTGAAAAGCCCTTACCTACCGCTCCAATTTTGTCTTGATAAC
AAGAGCCACAATGAGAAGAAACCTTCGCATGCAGCGAATGTGAAAAGGCTTTTATGAGAGTACAGCC
CTCATTCAACACTTCATTATCCATACTGGGAGAGGCCCTTAAAGTGCCTTGAGTGTGGGAAAGCCTTC
AACTGCAGGTACACCTCAAGCAGCATGAGCGGATTCACACTGGTGAAGGCCCTTTGTGTGAGTCAA
TGTGAAAAGGCCCTTCACTCACTATTCCACCTATGCTCTGCATGAAAGAGCCACACTGGAGAAAAGCCT
TTTGAATGCAAAGAATGTGGGAAAGCCTTATGACATTCGAAAAGACCTCATTGACACTTCAACATCCAC
ACTGGAGAGAAGCCCTATGAGTGTTCACAGTGTGAAAAGGCTTTTACCCGATGTGAGGGCTCACAAAG
CACCAGTGGATTCACTGGAGAGAAGCCGTATGTATGCATCCAATGTGGGAAAAGCCTTTTGTGCGACC
ACAAACCTGATTCGACACTTTAGCATCCACACTGGAGAGAAGCCCTATGAATGCGTGGAGTGCAGGGAAG
GCCTTCAACCGCAGGTACCCCTCACAAAGCACCAGCGGATTCACACTGCAGAGAAGTCCCACGAACCC
ATCCAGAGTGGGAAAGCCTTCTTGTGAGAGCACAGATCTCATTCAACACTCCATCATCCACTGAGAGT
AGCCAGTGAAGTGAATATGGAACGCCTTCAATTGCCGCTCATTCTCTCACTCGACATCAAC
GGATTCATAGTGAAGAAACCTACCATTGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
```

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_006635
- Insert Size:** 1689 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).
- 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:**

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\\_006635.3](#)

**RefSeq Size:** 3849 bp

**RefSeq ORF:** 1689 bp

**Locus ID:** 10794

**UniProt ID:** [Q14592](#)

**Cytogenetics:** 19q13.43

**MW:** 63.7 kDa

**Gene Summary:** Zinc finger proteins, such as ZNF272, interact with nucleic acids and have diverse functions. The zinc finger domain is a conserved amino acid sequence motif containing 2 specifically positioned cysteines and 2 histidines that are involved in coordinating zinc. Kruppel-related proteins form 1 family of zinc finger proteins. See ZFP93 (MIM 604749) for additional information on zinc finger proteins.[supplied by OMIM, May 2004]