

Product datasheet for **SC301629**

ZNF302 (NM_001012320) Human Untagged Clone

Product data:

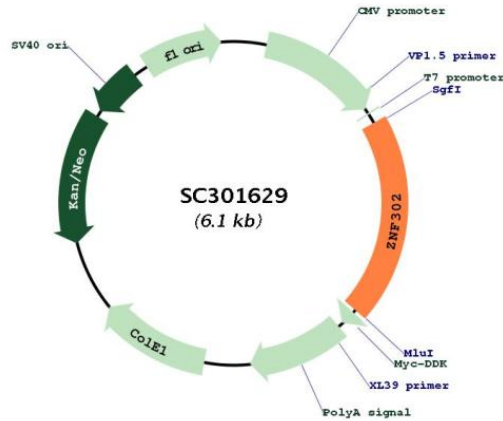
Product Type:	Expression Plasmids
Product Name:	ZNF302 (NM_001012320) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF302
Synonyms:	HSD16; MST154; MSTP154; ZNF135L; ZNF140L; ZNF327
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301629 representing NM_001012320. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTGAAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTCAGGTGACATTTAGTGATGTGGCTATAGACTTCTCTCATGAAGAGTGGGCATGCCTAGATTCT
GCTCAGAGGGACTTATACAAGGATGTGATGGTCCAGAATTATGAGAACCTGGTCTCTGTAGGCTTTCC
GTAACAAGCCATATGTGATCATGTTATTGGAGGATGGAAAAGAGCCCTGGATGATGGAGAAAAAAGCTG
TCAAAAGATTGGGAATCAAGATGGGAAAACAAGGAATTATCAACAAGAAGGATATTTATGATGAAGAT
TCACCCCAACCAGTAACAATGAAAAAGTTGTAACAAAGTTATGAATTTTCAAATTTCTAATAAGAAAT
TTGGAATATACAGAATGCGACACATTTAGAAGCACCTTTTCAATCAAAGTCTACTCTTTCTGAACACAA
AACAAATTCGCTGAAGGGAATTCACACAAATATGATATATTAAGAAGAATTTATCAAAAAAGTCAGTT
ATAAAAAGTGAGAGAATAAATGGTGGAAAGAACTTTTAAATTTCTAATAAAAGTGGGGCAGCCTTCAAC
CAGAGCAAATCTCTTACCCTTCCCAGACTTGTAAATAGAGAGAAAATCTATACATGCAGTGAATGTGGG
AAAGCCTTTGGCAAACAGTCAATCCTCAGTCGCCACTGGAGAATTCATACAGGAGAGAAGCCCTATGAA
TGTGCGTGAATGTGGGAAGACTTTTAGCCATGGTTCATCCCTTACACGACATCAGATAAGCCATAGTGA
GAGAAACCTTACAAATGCATTGAATGTGGGAAGGCCTTTAGCCATGGCTCATCACTACTAACCATCAG
AGCACTCACACGGGAGAGAAAACCGTATGAATGTATGAAGTGTGGAAAGTCTTTTAGTCGTGTGTCCTT
CTCATTACGATCTAAGAATTCATACGCAAGAAAACGCTATGAGTGTGATATGTTGAAAGGCCTTC
ATTCATAGTTTCGCTCTCATTACCCATCAGAAAAGCCATATGGAGAGAAGCCTTATGAATGTAGAGAA
TGTGGGAAAGCTTTCTGCTGTAGCTCACACCTTACTCAACATCAAAGAATTCACAGTATGAAGAAAAA
TATGAATGCAACAAATGTCTCAAGGCTTTAGTAGCTTCTCATTCTTGTCAACATCAGAGTATTCAT
ACTGAAGAAAAACCGTTTGAAGTTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



[View online >](#)

Plasmid Map:


ACCN: NM_001012320

Insert Size: 1200 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_001012320.2](#)

RefSeq Size: 2665 bp

RefSeq ORF: 1200 bp

Locus ID: 55900

UniProt ID: [Q9NR11](#)

Cytogenetics: 19q13.11

Protein Families: Transcription Factors

MW: 45.9 kDa

Gene Summary: This gene encodes a member of the zinc-finger protein family. The encoded protein contains seven C2H2-type zinc fingers and a KRAB domain, but its function has yet to be determined. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2014]
Transcript Variant: This variant (2) differs in the 5' UTR and lacks an alternate in-frame exon compared to variant 3. The resulting isoform (c) has the same N- and C-termini but is shorter compared to isoform a. Variants 1, 2, 5, 8, and 9 all encode the same isoform (c).