

Product datasheet for **SC333487**

zinc finger protein 138 (ZNF138) (NM_001271640) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	zinc finger protein 138 (ZNF138) (NM_001271640) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF138
Synonyms:	pHZ-32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333487 representing NM_001271640. Blue=Insert sequence Red=Cloning site Green=Tag(s)

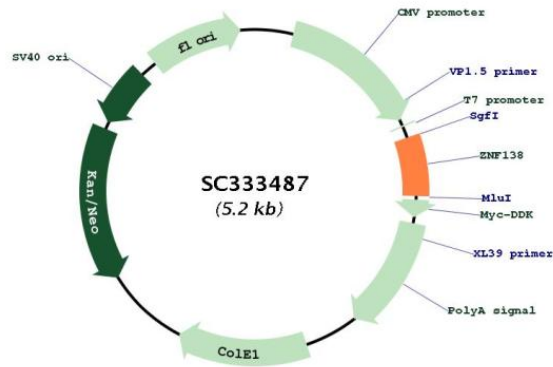
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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGACCACTGACATTTATGGATGTGGCCATAGAGTTCTCTTTGGAGGAGTGGCAGTGCCTGGACACT
GCACAGCGGAATGTATATAGGCATGTGATGTTAGAGAAGTACAGAAACCTGGTTTTCTGGCTGTAGCA
TTTACCTTTGATCTCAGTGGACTCAACATTTTGTATTCCAAAGTATCCTGCCATTTGTTTCAGCACTT
TATGTCATGGGAAACAGAAACAGTGTCTGCAAAGCACCTAGAAGCCAGAAATAAAGATCTCTGTGT
CTCGTTTTGCCAAGACCTTTGGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001271640

Insert Size: 303 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:	<u>NM_001271640.1</u>
RefSeq Size:	2679 bp
RefSeq ORF:	303 bp
Locus ID:	7697
Cytogenetics:	7q11.21
Protein Families:	Transcription Factors
MW:	11.5 kDa
Gene Summary:	May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (9) includes an alternate exon in the 3' coding region, which results in a frameshift, compared to variant 1. The resulting isoform (7) has a distinct and shorter C-terminus, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.