

Product datasheet for **SC310764**

ZNF237 (ZMYM5) (NM_001039650) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF237 (ZMYM5) (NM_001039650) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF237
Synonyms:	HSPC050; MYM; ZNF198L1; ZNF237
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310764 representing NM_001039650. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGAAAAATGTTCACTGGGAGGATTAGAGTTGACTGAACAGACTCCTGCTTTATTAGGGAATATGGCC
 ATGGCACTAGTCTCATGGACATAGGGGATTCATTTGGTCATCCAGCTTGCTTTAGTCAGTAGATCT
 AGGAACTCACCAGTGGAAGATGATGATGATGATGATGTTGTGTTTATTGAATCTATACAACCTCCT
 TCAATTTCTGCTCCAGCAATAGCTGATCAAGAACTTCATATTTGCATCATCAAAAAATGAAAAGCCT
 CAAGGAAATTATTCTGTAATTCCTCCTTCTCAAGAGATTGGCATCTCAGAAAGGAAATATAAGTGAG
 ACAATTGTTATTGATGATGAAGAGGACATAGAAACAAATGGAGGAGCAGAGAAAAAGTCTTCCTGTTTT
 ATCGAATGGGGACTTCCTGGAATAAAAAACCAACGATTTGGATTCTCCACTTCCAGTCTTTCA
 AGAAGTAAAGACCAAGACTGGAGTAAGACCTTTTAAACCTGGTAGAATGAATGTGGCAGGAGACTATTT
 CAGAATGGAGAATTTGCAACTCATCATAGTCTGATTCTTGGATCTCCAGTCAGCTTCATTTCCAGT
 AATCAGAAACAGCCAGGGGTGGATTCTTTATCACCAGTGGCCTTACTTCGTAAGCAGAATTTCCAGCCT
 ACAGCCCAACAACAACTTACTAAACCAGCTAAATCACTTGTGCAAAATGCAAAAAGCCTTTACAGAAG
 GGACAGACAGCTTATCAACGAAAAGGATCAGCTCACCTCTTTGCTCTACCACCTGCCTTTCTTCCCTC
 TCTCATAAACGTACTCAAAACACACGAAGCATAATATGAAAAAGATGCATCTACAAAGAAGGCTAAT
 GTCATTCTTCCAGTAGAATCAAGCAAATCCTTCCAAGAATTTTATAGTACATCTGTTTGTCTCCCTGT
 GAAAACAACTGGAATCTTAAAAAGGAGTTTTTAATAAGTCAAGATGTACAATTTGTAGTAAATTAGCA
 GAGGTCTGGATTTTATACCTAAGTTGTTGTTAGGCTAACAGTGATAATTTTAACTTTTAAAGTGCTAT
 TATGTAATCTTTTATCATCTACATAATGCACGTGTTCTGGATGTA**AA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001039650
Insert Size:	1149 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:	<u>NM_001039650.2</u>
RefSeq Size:	1535 bp
RefSeq ORF:	1149 bp
Locus ID:	9205
UniProt ID:	<u>Q9UJ78</u>
Cytogenetics:	13q12.11
MW:	42.1 kDa
Gene Summary:	Functions as a transcriptional regulator.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) differs in the 3' UTR and has multiple differences in the 3' coding region, compared to variant 3. These differences result in a protein (isoform 1) with a shorter and distinct C-terminus, compared to isoform 3. Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The extent of this RefSeq transcript is supported by transcript alignments.