

Product datasheet for **SC332408**

ZNF74 (NM_001256525) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF74 (NM_001256525) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF74
Synonyms:	COS52; hZNF7; ZFP520; ZNF520
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332408 representing NM_001256525. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTTGGAGAACTACCAGAACCTTCTTGCCCTAGGACCTCCACTGCACAAGCCAGATGTGATCTCTCAT
CTGGAACGAGGCGAGGAGCCATGGAGCATGCAGAGGGAAGTCCCCAGAGGGCCCTGTCCAGAATGGGAG
CTGAAGGCGGTGCCCTCTCAACAGCAGGGCATTGCAAAGAAGAACCGGCCAGGAGCCCATCATGGAG
CGGCCCTCGGCGGGGCGCAGGCGTGGGGGCGCCAGGCAGGTGCTCTGCAGAGGAGTCAGGCTGCGCCC
TGGGCGCCCGCACCTGCCATGGTCTGGGACGTCCCTGTAGAGGAATCCCCCTCAGGTGTCCCTCTTC
GCCAGCAACGCGTTCCCGAGGGGGGACCCTTGCTGGACACACGAAGACGTCCAGGCCACTGAGGGC
AGAACCAAGGCCCGCGAGACTGTGTGCAGGGGAAAACGCCTCCACGCCAAGTGAGCCAGAAAAGTTC
CCCCAGGTGCGCGGCGAGCGCGGGGCGGCGCCGGGGAGGGCGAGTTCGTGTGCGCGAGTGCGGGAAG
GCGTTCGCCAGAGCTCCTCCCTCACGCTGCACCGGCGCTGGCACAGCCGGGAGAAGGCTTACAAGTGC
GATGAATGCGGAAGGCCCTTCACTGGAGCACCAACCTTCTGGAGCACCGGCGCATCCACACCGGCGAG
AAGCCCTTCTTCTGCGGCGAGTGCAGGGAAGGCCTTCAGTGCCTCCTCAACGTGCACACGCGC
ATCCACACGGGCGAGCGGCCCTACAAGTGCAGCGCCTGCGAGAAGGCCTTCAGTGCAGCTCGTGCTC
AGCATGCACCTGCGGGTGCACACCGGCGAGAAGCCCTACCGGTGCGGCGAGTGCAGCAAGGCCTTCAAC
CAGCGTACACACCTCACACGCCACACCGCATCCACACGGGCGAGAAGCCCTACAGTGCAGCTCCTGC
GGCAAGGCCTTCACTGCCACTCATCCCTCACCGTGCATGAGAAGATCCACAGCGGGGACAAGCCGTTT
AAGTGCAGCGACTGCGAGAAGGCCTTCAACAGCCGCTCGCGCCTCACCTCCACCAGAGGACGCACAG
GGCGAGAAGCCCTTCAAGTGCAGCGACTGCGGGAAGGGCTTCAGTGCACGCGTACCTGCTCGTGAC
CGGCGCATCCACAGCGGCGAGAAGCCCTTCAAGTGCAACGAGTGCAGGCAAGGCCTTCAGTCCCACGCC
TACCTCATCGTGACCGGCGCATCCACACAGGCGAGAAGCCCTTCGACTGCAGCCAGTGTGGAAGGCC
TTCAGTGCCTCCTCATCGTGACCGGCGCATCCACACCGGTGAGAAGCCCTACAAGTGCAGC
GAGTGCAGGAGCCCTCAGCCAGAACCTGTCTCATTAAACATCAGAAAATCCACTCCGGGGAGAAG
TCGTTTAAAGTGTGAGAAATGTGGGAGATGTTCAACTGGAGCTCGCACCTCACTGAGCACCAGAGGCTG
CACAGCGAGGGGAAGCCCTTGGCCATCCAGTTCAACAAACACCTGCTCAGCACATACTACGTGCCTGGC
AGCCTGCTGGGTGAGGGGATGCTGGACTGAGGGACGTGGATCCCATCGACGCGTGGATGTGGCAAAG
CTTTGTGCGTGGTTCCCCCAGAGCTGGCAGGAATTTCTCCCTGGGGAGCAAACCTCGAAACTAA

Restriction Sites:	SgfI-RsrII
ACCN:	NM_001256525



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Insert Size:	1722 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_001256525.1</u>
RefSeq Size:	3626 bp
RefSeq ORF:	1722 bp
Locus ID:	7625
UniProt ID:	<u>Q16587</u>
Cytogenetics:	22q11.21
Protein Families:	Transcription Factors
MW:	64.3 kDa
Gene Summary:	May play a role in RNA metabolism.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream in-frame start codon, compared to variant 1. The encoded isoform (c) is shorter at the N-terminus, compared to isoform a. 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.