

Product datasheet for **SC332407**

ZNF74 (NM_001256524) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF74 (NM_001256524) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF74
Synonyms:	COS52; hZNF7; ZFP520; ZNF520
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332407 representing NM_001256524.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAGATCCCTGCCCGGAGCCCGAGAAGACAGCTCTTCTCTCAGGATCCTGCTCTTCCCTGAAA
 GAGAATCTCGAGGATATATCGGGTTGGGGTCTTCCCGAAGCCAGGTCCAAGGAATCGGTGAGTTTCAAG
 GATGTGGCTGTGGACTTCACCCAGGAGGAGTGGGGTCACTAGACTCCCTCAGAGGGCCTGTACCGG
 GATGTGATGTTGGAGAACTACCAGAACCTTCTTGCCTAGGACCTCCACTGCACAAGCCAGATGTGATC
 TCTCATCTGGAACGAGGCGAGGAGCCATGGAGCATGCAGAGGGAAGTCCCAGAGGGCCCTGTCCAGAA
 TGGGAGCTGAAGGCGGTGCCCTCTCAACAGCAGGGCATTGCAAGAAGAAGCCGGCCAGGAGCCCATC
 ATGGAGCGGCCCTCGCGGGGCGCAGGCGTGGGGGCGCCAGGCAGGTGCTCTGCAGAGGAGTCAAGCT
 GCGCCCTGGGCGCCCGACCTGCCATGGTCTGGGACGTCCCTGTAGAGGAATTCCCCTCAGGTGTCCC
 CTCTTCGCCCAGCAACGCGTTCCCGAGGGGGACCTTGTGACACACGCAAGAACGTCCAGGCCACT
 GAGGGCAGAACCAAGGCCCGCGAGACTGTGTGACGGGAAAACGCCTCCACGCCAAGTGAAGCCAGAA
 AAGTTCCCCCAGGTGCGCCGCGCAGCGGGGGCGGGGAGGGCGAGTTCTGTGCGGCGAGTGC
 GGAAGGCGTTCCGCCAGAGCTCTCCCTACGCTGCACCGGCGCTGGCAGCCGGGAGAAGGCTTAC
 AAGTGCATGAATGCGGCAAGGCCTTACCTGGAGCACAACCTTCTGGAGCACCAGCGCATCCACACC
 GGCGAGAAGCCCTTCTTCTGCGGCGAGTGCAGGAAGGCCTTCACTGCCACTCGTCCCTCAACGTGCAC
 CAGCGCATCCACAGGGCGAGCGGCCCTACAAGTGCAGCGCTGCAGAGAAGGCCTTCACTGCAGCTCG
 CTGCTCAGCATGCACCTGCGGGTGCACACCGGCGAGAAGCCCTACCGGTGCGGCGAGTGCAGCAAGGCC
 TTCAACACAGCGTACACACCTCACACGCCACCACGCATCCACACGGGCGAGAAGCCCTACAGTGCAGGC
 TCCTGCGGCAAGGCCTTCACTGCCACTCATCCCTACCGTGCATGAGAAGATCCACAGCGGGGACAAG
 CCGTTCAAGTGCAGCGACTGCGAGAAGGCCTTCAACAGCCGCTCGCGCCTCACCTCCACAGAGGACG
 CACACGGGCGAGAAGCCCTTCAAGTGCAGCGACTGCGGGAAGGGCTTCACTGCCACGCTACCTGCTC
 GTGCACCGGCGCATCCACAGCGGCGAGAAGCCCTTCAAGTGCAACGAGTGCAGGCAAGCCCTTCACTCC
 CACGCCTACCTCATCGTGCACCGGCGCATCCACAGGCGAGAAGCCCTTCACTGCAGCCAGTGTGG
 AAGGCCTTCACTGCCACTCGTCCCTCATCGTGCACAGCGCATCCACACCGGTGAGAAGCCCTACAAG
 TGCAGCGAGTGCAGCGAGCCCTCAGCCAGAACCAGTGTCTATTAAACATCAGAAAATCCACTCCGGG
 GAGAAGTCGTTAAGTGTGAGAAATGTGGGAGATGTTCAACTGGAGCTCGCACCTCACTGAGCACCAG
 AGGCTGCACAGCGAGGGGAAGCCCTTGGCCATCCAGTTCAACAAACACCTGCTCAGCACATACTACGTG
 CCTGGCAGCCTGCTGGGTGCAGGGGATGCTGACTGAGGGACGTGGATCCCATCGACGCGCTGGATGTG
 GCAAAGCTCTTGTGCGTGGTTCCCCCAGAGCTGGCAGGAATTTCTCCCTGGGAGCAAACCTCGAAAC
 TAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001256524

Insert Size: 1935 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_001256524.1</u>
RefSeq Size:	3726 bp
RefSeq ORF:	1935 bp
Locus ID:	7625
UniProt ID:	<u>Q16587</u>
Cytogenetics:	22q11.21
Protein Families:	Transcription Factors
MW:	72.2 kDa
Gene Summary:	May play a role in RNA metabolism.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) lacks an alternate segment in the 5' UTR, compared to variant 1. Both variants 1 and 3 encode the same 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.