

Product datasheet for **SC330445**

ZNF74 (NM_001256523) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF74 (NM_001256523) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF74
Synonyms: COS52; hZNF7; ZFP520; ZNF520
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330445 representing NM_001256523.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAGATCCCTGCCCGGAGCCCGAGAAGACAGGAATCGGTGAGTTTCAAGGATGTGGCTGTGGACTT
 CACCCAGGAGGAGTGGGGTCAACTAGACTCCCCTCAGAGGGCCTGTACCGGGATGTGATGTTGGAGAA
 CTACCAGAACCTTCTTGCCCTAGGACCTCCACTGCACAAGCCAGATGTGATCTCTCATCTGGAACGAGG
 CGAGGAGCCATGGAGCATGCAGAGGGAAGTCCCCAGAGGGCCCTGTCCAGAATGGGAGCTGAAGGCGGT
 GCCCTCTCAACAGCAGGGCATTGCAAAGAAGAACCGGCCAGGAGCCCATCATGGAGCGGCCCTCGG
 CGGGGCGCAGGCGTGGGGCGCCAGGCAGGTGCTCTGCAGAGGAGTCAGGCTGCGCCCTGGGCGCCCGC
 ACCTGCCATGGTCTGGGACGTCCCTGTAGAGGAATCCCCCTCAGGTGTCCCCTCTTCGCCAGCAACG
 CGTTCGCCAGGGGGGACCCTTGCTGGACACACGCAAGAACGTCCAGGCCACTGA

Restriction Sites: SgfI-RsrII
ACCN: NM_001256523
Insert Size: 537 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).


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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_001256523.1](#)

RefSeq Size: 3868 bp

RefSeq ORF: 537 bp

Locus ID: 7625

UniProt ID: [Q16587](#)

Cytogenetics: 22q11.21

Protein Families: Transcription Factors

MW: 17.9 kDa

Gene Summary: May play a role in RNA metabolism.[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (2) lacks an alternate exon in the 5' coding region, resulting in a frameshift in the remaining coding region, compared to variant 1. The encoded isoform (b) shares the same N-terminus but is otherwise distinct and shorter, 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.