

## Product datasheet for **SC333074**

### ZNF423 (NM\_001271620) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF423 (NM\_001271620) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ZNF423  
**Synonyms:** Ebfaz; hOAZ; JBTS19; NPHP14; OAZ; Roaz; Zfp104; ZFP423  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333074 representing NM\_001271620.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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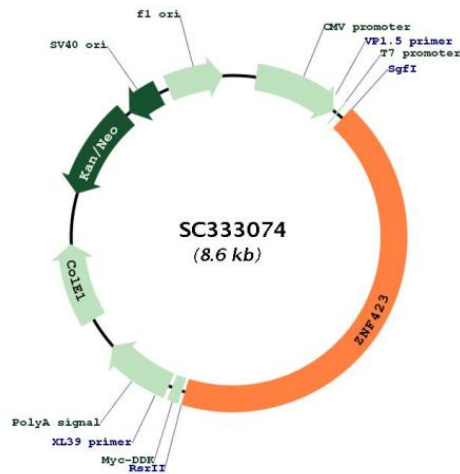
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Restriction Sites:

SgfI-RsrII

Plasmid Map:



ACCN: NM\_001271620

Insert Size: 3675 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001271620.1</a>
<b>RefSeq Size:</b>	4706 bp
<b>RefSeq ORF:</b>	3675 bp
<b>Locus ID:</b>	23090
<b>UniProt ID:</b>	<a href="#">Q2M1K9</a>
<b>Cytogenetics:</b>	16q12.1
<b>MW:</b>	138 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a nuclear protein that belongs to the family of Kruppel-like C2H2 zinc finger proteins. It functions as a DNA-binding transcription factor by using distinct zinc fingers in different signaling pathways. Thus, it is thought that this gene may have multiple roles in signal transduction during development. Mutations in this gene are associated with nephronophthisis-14 and Joubert syndrome-19. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2012]</p> <p>Transcript Variant: This variant (2) contains an alternate 5' terminal exon compared to variant 1, which results in translation initiation from an in-frame downstream AUG, and an isoform (2) with a shorter N-terminus compared to isoform 1. 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.</p>