

## Product datasheet for **SC314205**

### ZFR (BC030540) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZFR (BC030540) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFR
Synonyms:	FLJ41312; M-phase phosphoprotein homolog; ZFR1; zinc finger RNA binding protein
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for BC030540, the custom clone sequence may differ by one or more nucleotides
Restriction Sites:	Please inquire
ACCN:	BC030540
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:	<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>
RefSeq:	<u>BC030540.1</u> , <u>AAH30540.1</u>
RefSeq Size:	1897 bp



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RefSeq ORF: 1897 bp

Locus ID: 51663

Cytogenetics: 5p13.3

Domains: ZnF\_U1, zf-C2H2

**Gene Summary:** This gene encodes an RNA-binding protein characterized by its DZF (domain associated with zinc fingers) domain. The encoded protein may play a role in the nucleocytoplasmic shuttling of another RNA-binding protein, Staufin homolog 2, in neurons. Expression of this gene is regulated through alternative polyadenylation that mediates differential microRNA targeting. Elevated expression of this gene has been observed in human patients with pancreatic cancer and knockdown of this gene may result in reduced viability and invasion of pancreatic cancer cells. [provided by RefSeq, Sep 2016]