

Product datasheet for **RG206250**

ZKSCAN5 (NM_014569) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZKSCAN5
Synonyms:	ZFP-95; ZFP95; ZNF914; ZSCAN37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG206250 representing NM_014569
 Red=Cloning site Blue=ORF Green=Tags(s)

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AGCGGACCGACGCGTACGCGCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

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>RG206250 representing NM_014569
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Red=Cloning site Green=Tags(s)

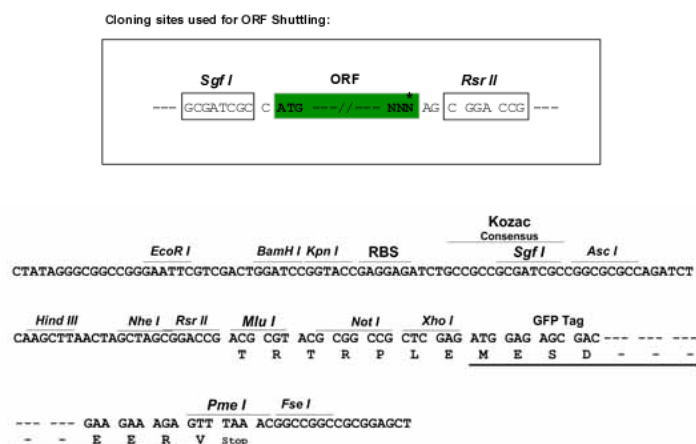
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SGP^{TR}RRLE - GFP Tag - V

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:



ACCN:

NM_014569

ORF Size:

2517 bp

OTI Disclaimer:

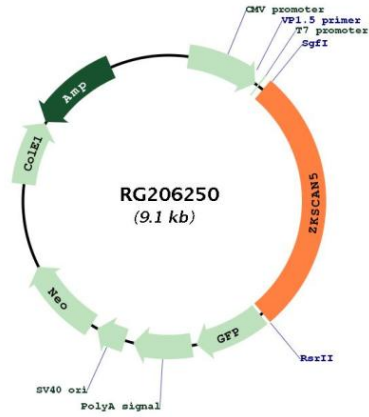
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:

This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_014569.3 , NP_055384.1
RefSeq Size:	4361 bp
RefSeq ORF:	2520 bp
Locus ID:	23660
UniProt ID:	Q9Y2L8
Cytogenetics:	7q22.1
Domains:	KRAB, LER, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a zinc finger protein of the Kruppel family. The protein contains a SCAN box and a KRAB A domain and may be involved in transcriptional regulation. A similar protein in mouse is differentially expressed in spermatogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Product images:



Circular map for RG206250