



## ZSCAN4 peptide (DAG-P1330)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	The ZSCAN4 gene encodes a protein involved in telomere maintenance and with a key role in the critical feature of mouse embryonic stem (ES) cells, namely, defying cellular senescence and maintaining normal karyotype for many cell divisions in culture (Zalzman et al., 2010 [PubMed 20336070]).[supplied by OMIM, May 2010]
<b>Nature</b>	Synthetic
<b>Expression System</b>	N/A
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Contains 4 C2H2-type zinc fingers.Contains 1 SCAN box domain.
<b>Cellular Localization</b>	Nucleus. Chromosome > telomere.
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### ANTIGEN GENE INFORMATION

<b>Gene Name</b>	<a href="#">ZSCAN4 zinc finger and SCAN domain containing 4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ZSCAN4
<b>Synonyms</b>	ZSCAN4; zinc finger and SCAN domain containing 4; ZNF494; zinc finger and SCAN domain-containing protein 4; zinc finger protein 494;
<b>Entrez Gene ID</b>	<a href="#">201516</a>
<b>mRNA Refseq</b>	<a href="#">NM_152677.2</a>
<b>Protein Refseq</b>	<a href="#">NP_689890.1</a>
<b>MIM</b>	<a href="#">613419</a>
<b>UniProt ID</b>	Q8NAM6
<b>Chromosome Location</b>	19q13.43

**Function**

DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity;

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