

Product datasheet for **TP311003L**

ZSCAN4 (NM_152677) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc finger and SCAN domain containing 4 (ZSCAN4), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211003 protein sequence Red =Cloning site Green =Tags(s)
	<p>MALDLRTIFQCEPSENNLGSSENSAFQQSQGPAVQREEGISEFSRMVLNSFQDSNNSYARQELQRLYRIFH SWLQPEKHSKDEIISLLVLEQFMIGGHCNDKASVKEKWKSSGKNLERFIEDLTDD SINPPALVHVHMGGQ EALFSEDMPLRDVIVHLTKQVNAQTTREANMGTPSQTSQDTSLETGGQYEDEQDGWNSSSKTTRVNIENIT NQGNQIVSLIIIQEENGRPEEGVSSDNPNYSKRAELVTARSQEGSINGITFQGVPMVMGAGCISQPEQ SSPESALTHQSNEGNSTCEVHQKSHGVQKSYKCEECPKVFKYLCHLLAHQRRHRNERPFVCPECQKGGF QISDLRVHQIIHTGKKPFTCSMCKKSFSHKTNLRSHERIHTGEKPYTCPFCKTSYRQSSTYHRHMRTHEK ITLPSVPSTPEAS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	48.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_689890</u>



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Locus ID: 201516

UniProt ID: [Q8NAM6](#)

RefSeq Size: 2260

Cytogenetics: 19q13.43

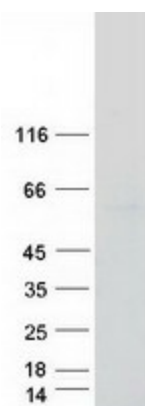
RefSeq ORF: 1299

Synonyms: ZNF494

Summary: 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]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified ZSCAN4 protein (Cat# [TP311003]). The protein was produced from HEK293T cells transfected with ZSCAN4 cDNA clone (Cat# [RC211003]) using MegaTran 2.0 (Cat# [TT210002]).