

Product datasheet for PH311003

ZSCAN4 (NM_152677) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZSCAN4 MS Standard C13 and N15-labeled recombinant protein (NP_689890)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211003
Predicted MW:	49 kDa
Protein Sequence:	>RC211003 protein sequence Red=Cloning site Green=Tags(s)
	<p>MALDLRTIFQCEPSENNLGSNSAFQQSQGPAVQREEGISEFSRMVLNSFQDSNNSYARQELQRLYRIFH SWLQPEKHSKDEIISLLVLEQFMIGGHNCNDKASVKEKWKSSGKNLERFIEDLTDD SINPPALVHVHMGGQ EALFSEDMPLRDVI VHLTKQVNAQT TREANMGTPSQTSQDTSLETGGYEDQDGNWSSSKTTRVNIENIT NQGNQIVSLIIIQEENGPRPEEGVSSDNPNYSKRAELVTARSQEGSINGITFQGVPMVMGAGCISQPEQ SSPESAL THQSNEGNSTCEVHQK GSHGVQKSYKCEECPKVF KYLCHLLAHQRRHRNERPFVCPQCQKGF QISDLRVHQI IHTGKKPFTCSMCKKSF SHKTNLRSHERIHTGEKPYTCPFCCKTSYRQSSTYHRHMRTHEK ITLPSVPSTPEAS</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_689890</u>
RefSeq Size:	2260
RefSeq ORF:	1299
Synonyms:	ZNF494



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Locus ID: 201516

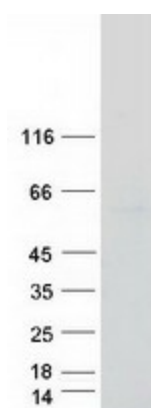
UniProt ID: [Q8NAM6](#)

Cytogenetics: 19q13.43

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]).