OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC206303

KF1 (RNF103) (NM_005667) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KF1 (RNF103) (NM_005667) Human 3' UTR Clone
Symbol:	KF1
Synonyms:	HKF-1; KF-1; KF1; ZFP-103; ZFP103
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005667
Insert Size:	475 bp
Insert Sequence:	>SC206303 3'UTR clone of NM_005667 The sequence shown below is from the reference sequence of NM_005667. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAGCCCTTGTCAAATGATGTCCCATCTTAACCATGTGCAATTTGTCCTTTATAAGCTTTGAGTATCTTA CAGCTTGCCTTTTTAATGTTAGTCACAATGTTTTTGTGGTTTGAAGTTTAGTTTAATGTTAGTGCAGTG ACGGGAAATACACATTATGCTAATGTTGATGACAGAATTTATTTGGTTGCCTTGTGTGTTAATTGAATG CATACCTAATTGTAAAATTTTTTTATTTACAACATTGGAAATTCAGAAGTTAATGTTTTTTTGTAAGCA CAAAAGAAGTATTATAGAAATTTATCCTAGCAAGACTTTACAAGATAGGATCAAATTCTAATGGAATTG AGCCGGTTTCTTATCCTAAATGTTTCCTCCCTTTTTACAATCTCTGTCCAGCACCTCTTGGTTAAATAA TGTATGCTGTGAGACATGAAATTAAAACAGACCTATGAAATAAATTATTTTAAAACCAGAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

View online »

RefSeq: NM_005667.4

Summary: The protein encoded by this gene contains a RING-H2 finger, a motif known to be involved in protein-protein and protein-DNA interactions. This gene is highly expressed in normal cerebellum, but not in the cerebral cortex. The expression of the rat counterpart in the frontal cortex and hippocampus was shown to be induced by elctroconvulsive treatment (ECT) as well as chronic antidepressant treatment, suggesting that this gene may be a molecular target for ECT and antidepressants. The protein is a ubiquitin ligase that functions in the endoplasmic reticulum-associated degradation pathway. Alternative splicing of this gene results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream CHMP3 (charged multivesicular body protein 3) gene. [provided by RefSeq, Oct 2011]

Locus ID: 7844

MW: 18.4