

Product datasheet for SC209013

TRAF4AF1 (KNSTRN) (NM_033286) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TRAF4AF1 (KNSTRN) (NM_033286) Human 3' UTR Clone
Symbol:	TRAF4AF1
Synonyms:	C15orf23; HSD11; SKAP; TRAF4AF1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_033286
Insert Size:	721 bp
Insert Sequence:	>SC209013 3'UTR clone of NM_033286 The sequence shown below is from the reference sequence of NM_033286. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGAAATGGAGCAGCTATTAGAAATGTAAGAAGAAGCAAGTGGCCAGATGGCTCCCTCTTGGGCATAA
AATCTCAGAGGAAGCTACTTAGGACATCATCTTGGCCATGATCTTCTGGGACTCACCATCTCCAGAATG
AAAACAATTTCTACAGTAGACTTAAGGACAGTTTATGCTGAAATGGCAATTCCTCATTAAAGCAAGTTT
TCCCAACCTTCAGGTTGGTCAGCCCTCCTGAGCCTCACAGGTGGATAATTGAGGCCTACAAGAGAGGGG
AGCCTAGGAGCTTGGATTGACCTTCTAGTCAACCACCTGACTTCAGCACACCATTACAATCGGGAGACT
AAACCAACAACCAGAGGATCTAAAATGTACATTCAGATTTTTCAGGAAGAAAATCTTCATTACAGTGGA
GCACAAATGTTCCATACAAGACATCATTGAGGAGCCATGCTGTCCCTTCTAACCTGAAACACATTTCTT
TCCCATCTGGTTGGGCTTCTGTACCTCCTTATTAATTTATGAACCTGAAGTTGCTTGAAGTGTTTTGG
GCTTAATAAAATGGGGTGAAAGTATAGGTAGCAGTAACACCTACATGAAACAATACACCTTGGATCTTTT
AATCTAAATTACTTTTCTTTTTTAAGTCTACTTTTAAAAATAAATACTTCTGTAATATTCTGACTGTAA
CATTGAGGAATGAAAATAGCCTTTTAACTA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).



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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.
RefSeq:	<u>NM_033286.4</u>
Summary:	Essential component of the mitotic spindle required for faithful chromosome segregation and progression into anaphase (PubMed:19667759). Promotes the metaphase-to-anaphase transition and is required for chromosome alignment, normal timing of sister chromatid segregation, and maintenance of spindle pole architecture (PubMed:19667759, PubMed:22110139). The astrin (SPAG5)-kinastrin (SKAP) complex promotes stable microtubule-kinetochore attachments (PubMed:21402792). Required for kinetochore oscillations and dynamics of microtubule plus-ends during live cell mitosis, possibly by forming a link between spindle microtubule plus-ends and mitotic chromosomes to achieve faithful cell division (PubMed:23035123). May be involved in UV-induced apoptosis via its interaction with PRPF19; however, these results need additional evidences (PubMed:24718257).[UniProtKB/Swiss-Prot Function]
Locus ID:	90417
MW:	27.3