

Product datasheet for SC211472

KIAA0859 (METTL13) (NM_014955) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KIAA0859 (METTL13) (NM_014955) Human 3' UTR Clone
Symbol:	KIAA0859
Synonyms:	5630401D24Rik; CGI-01; DFNB26; DFNB26M; DFNM1; feat; KIAA0859; METTL13
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014955
Insert Size:	990 bp
Insert Sequence:	>SC211472 3'UTR clone of NM_014955 The sequence shown below is from the reference sequence of NM_014955. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GATATGCTCAAGACGGTGAAAATTGTGTACTGCTTAGGCCAAGCAGCCCTCCTGCCTAGACTGACCTT
GGACTCCCAGCCTGCCAGAGAATGAAGAAATACAACGCACAGTACTTTTGAAGCTTCGTATTTTCTTG
GTTTCACACTCAGCTACATGTGACCTCCAGCTTGGTGAGGTTGCCTGAAGATTAGGGAAAAATAAAATG
TCCTTCCCATCTTGCTCTTTCAGTACCACTTGGGTTGGTTTGTCTTTGCTTCTACACCACGTCCTTG
AGTGGAGTTCCCTGCTGAAGCCCTAGCACACTGCATGCCTTAACAAGTGTGTGAAGCCCTCAGA
ACTCAAGACATCCAAATTTATTGCGTCTCTACTTATACTGGTTTGCTTTGATTATTCTCTATTAG
TTCTATAGGAGTGATCTCAAGTGAGATAGCAGAGCAAGATGCCAAAAGACCATAAATAGAGTAAGGTTT
CTATAGATGTGAGACAGATTTGAGAGAGCATTTACTCTGTCTCCCTGTGGATGAAACTGCTGCTGAAAT
GGTTCCAATTTTAGGAATCTGCTTACCCACTTCATTATTTGACAGCTTTCCTTGGTGACCCAAACCTT
GTAGCCTAAGCCATTTGTCTTTTCTCAGTGGAGGGAGTGATGGACCTGGCCCCATGGCTTTGCATGT
TAGAGACCTGGCAGACTAAAGTCTCTAGTGTGTTTGTGCTCACATTTGCTGAGTGACAGCTATGTGCA
GACTGCATAAAGGGTGGTGGCAGAAGTAAAATGTTTAAAGATGACCAAAAACATTAGTAATGAAAGTT
AATGTGTTCCAGCATTCTTCTAAGTGGTTTACATGCACTGTCTCATTTAATCTGAGATAAAGGATACT
TAAGCCCAAACTATATCTAAACCAAACTCACTTGGCTGGAAACATCAATCTTAACCATTATTTCAGA
ACCATTAACCAATGATTCCAAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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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.
RefSeq:	NM_014955.3
Summary:	Dual methyltransferase that catalyzes methylation of elongation factor 1-alpha (EEF1A1 and EEF1A2) at two different positions, and is therefore involved in the regulation of mRNA translation (PubMed:30612740, PubMed:30143613). Via its C-terminus, methylates EEF1A1 and EEF1A2 at the N-terminal residue 'Gly-2' (PubMed:30143613). Via its N-terminus dimethylates EEF1A1 and EEF1A2 at residue 'Lys-55' (PubMed:30612740, PubMed:30143613). Has no activity towards core histones H2A, H2B, H3 and H4 (PubMed:30612740). [UniProtKB/Swiss-Prot Function]
Locus ID:	51603
MW:	37.5