

Datasheet for ABIN4928195

## Human KDM4E ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	KDM4E
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human KDM4E with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1521 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAAGTCTG TGCACTCCAG TCCCCAGAAC ACGAGTCATA CCATCATGAC GTTTTACCCA ACCATGGAAG AATTTGCAGA TTTCAACACA TATGTTGCTT ACATGGAGTC CCAAGGCGCA CATCAAGCTG GCCTTGCCAA GGTAATTCCA CCCAAGGAAT GGAAAGCCAG ACAGATGTAT GATGATATCG AAGACATCTT AATAGCCACT CCCCTCCAGC AGGTGACCTC TGGGCAGGGA GGTGTGTTTA CTCAATACCA TAAAAAGAAG AAAGCCATGA GGGTGGGGCA GTATCGCCGC

Order at [www.genomics-online.com](http://www.genomics-online.com)

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

## Product Details

---

TTGGCAAACA GTAAAAAATA TCAGACTCCG CCACACCAGA ATTTTGCAGA TTTGGAGCAA  
CGATACTGGA AGAGCCACCC CGGTAATCCA CCAATTTATG GTGCTGATAT CAGCGGCTCC  
TTATTTGAAG AAAGCACTAA ACAATGGAAC CTAGGACACC TGGGAACAAT TCTGGACCTG  
TTGGAGCAGG AATGTGGGGT TGTCATCGAG GGTGTCAACA CACCCTACCT GTACTTTGGC  
ATGTGGAAGA CCACGTTTGC CTGGCACACA GAGGACATGG ACCTTTACAG CATCAACTAC  
CTGCACTTTG GGGAGCCCAA AACTTGGTAC GTGGTGCCCC CAGAACATGG TCAGCACCTG  
GAACGCCTGG CCAGGGAGCT CTTCCCAGAC ATTTCTCGGG GCTGTGAGGC CTTCTCGCG  
CACAAAGTGG CCCTCATCTC GCCTACAGTT CTCAAGGAAA ATGGGATTCC CTTCAATTGC  
ATGACTCAGG AGGCTGGGGA GTTCATGGTG ACCTTTCCCT ATGGCTACCA TGCTGGCTTC  
AATCACGGCT TCAACTGCGC AGAAGCCATT AATTTTGCCA CTCCACGATG GATTGATTAT  
GGCAAATGG CCTCTCAGTG TAGCTGTGGG GAGTCGACAG TGACCTTTTC CATGGACCCC  
TTTGTGCGCA TTGTGCAACC CGAGAGTTAT GAGCTCTGGA AACACAGGCA AGACTTGGCC  
ATTGTGGAAC ACACAGAGCC CAGGGTTGCA GAAAGCCAAG AGCTGAGCAA CTGGAGAGAT  
GATATAGTAC TTAGAAGAGC TGCTCTGGGC CTGAGGCTTC TCCCAAACCT CACAGCCCAG  
TGTCCACAC AGCCTGTGTC CTCAGGGCAC TGTTACAACC CAAAAGGCTG TGGCACTGAT  
GCTGTGCCTG GATCCGCATT CCAAAGCTCT GCATATCATA CCCAGACCCA GTCACTTACC  
CTGGGGATGT CAGCCAGGGT TCTTCTCCCT TCCACTGGAA GCTGGGGTTC TGGTCGTGGT  
CGTGGTCGTG GTCAAGGTCA AGGTCGAGGT TGCAGTCGTG GTCGTGGTCA TGGTTGTTGT  
ACTCGAGAAC TGGGGACTGA GGAGCCAAC GTTCAGCCTG CATCCAAGAG GCGCCTTTTA  
ATGGGTACAA GGAGTAGAGC TCAAGGCCAC AGGCCTCAGC TCCCGCTTGC CAATGATTTG  
ATGACAAATC TGTCCTTTG A

---

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

---

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

---

Sequencing Primer: 

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

---

Grade: End-sequenced

---

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

## Target Details

---

Gene: KDM4E

---

Order at [www.genomics-online.com](http://www.genomics-online.com)

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

Page 2/3 | Product datasheet for ABIN4928195 | 09/13/2023 | Copyright antibodies-online. All rights reserved.

## Target Details

---

Alternative Name: KDM4E ([KDM4E Products](#))

Gene ID: 390245

NCBI Accession: [NM\\_001161630](#)

## Application Details

---

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

Expiry Date: 12 months

## Publications

---

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)