

Product datasheet for MR225130

Krtdap (NM 001033131) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Krtdap (NM_001033131) Mouse Tagged ORF Clone

Tag: Myc-DDK
Symbol: Krtdap

Synonyms: Kdap; sk221

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >MR225130 representing NM_001033131
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

TGAGAAGTGCCGCTCCTGATTCCCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR225130 representing NM_001033131

Red=Cloning site Green=Tags(s)

MKIPILPVVALLSLLALHAVQGAALGHPTIYPEDSSYNNYPTATEGLNNEFLNFKRLQSAFQSENFLNWH

VITDMFKNAFPFINWDFFPKVKGLRSAAPDSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9042 b10.zip

Restriction Sites: Sgfl-Mlul



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

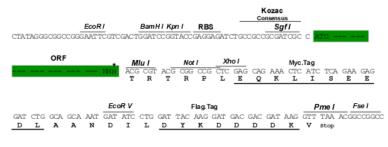
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_001033131

ORF Size: 306 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001033131.4</u>

RefSeq Size: 456 bp RefSeq ORF: 309 bp Locus ID: 64661



UniProt ID: Q3V2T4

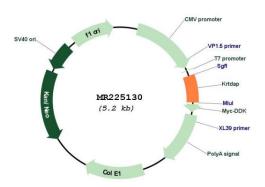
Cytogenetics: 7 B1

MW: 11.9 kDa

Gene Summary: May act as a soluble regulator of keratinocyte differentiation. May play an important role in

embryonic skin morphogenesis (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225130