

Product datasheet for RC233244

Keratinocyte differentiation associated protein (KRTDAP) (NM_001244847) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Keratinocyte differentiation associated protein (KRTDAP) (NM_001244847) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: Keratinocyte differentiation associated protein
Synonyms: KDAP; UNQ467
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC233244 representing NM_001244847
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGAAGATCCCGGTCTTCTGCCGTGGTGCTCCTCTCCCTCCTGGTGCTCCACTCTGCCAGGGAGCCA
 CCCTGGGTGGTCTTGAGGAAGAAAGCACCATTGAGAATTATGCGTCACGACCCGAGGCGTTTAAGGCTGA
 TGAGTTCCTGAAGTGGCAGCCCTCTTTGAGTCTATCAAAGGAAACTTCCTTTCCTCAACTGGGATGCC
 TTTCTAAGCTGAAAGGACTGAGGAGCGCAACTCCTGATGCCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC233244 representing NM_001244847
 Red=Cloning site Green=Tags(s)

MKIPVLPVAVLLSLLVLHSAQGATLGGPEEESTIENYASRPEAFKADEFLNWHALFESIKRKLPLFNWDA
 FPKLKGLRSATPDAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:



ACCN: NM_001244847

ORF Size: 255 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: [NM_001244847.2](#)

RefSeq Size: 458 bp

RefSeq ORF: 258 bp

Locus ID: 388533

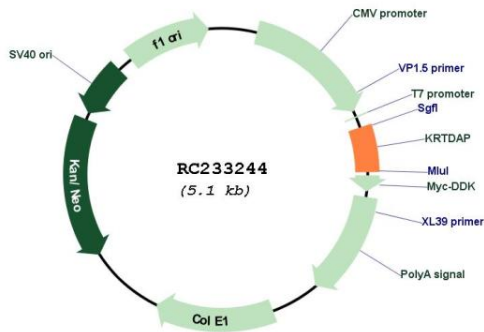
UniProt ID: [P60985](#)

Cytogenetics: 19q13.12

MW: 9.9 kDa

Gene Summary: This gene encodes a protein which may function in the regulation of keratinocyte differentiation and maintenance of stratified epithelia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Product images:



Circular map for RC233244