

Product datasheet for **SC308507**

Keratinocyte differentiation associated protein (KRTDAP) (NM_207392) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Keratinocyte differentiation associated protein (KRTDAP) (NM_207392) Human Untagged Clone
Tag:	Tag Free
Symbol:	Keratinocyte differentiation associated protein
Synonyms:	KDAP; UNQ467
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308507 representing NM_207392. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAAGATCCCGGTCCTTCTGCGGTGGTGCTCCTCTCCCTCCTGGTGCTCCACTCTGCCAGGGAGCC
 ACCCTGGGTGGTCCTGAGGAAGAAAGCACCATTGAGAATTATGCGTCACGACCCGAGGCCTTTAACACC
 CCGTTCCTGAACATCGACAAATTGCGATCTGCGTTTAAGGCTGATGAGTTCCTGAAGTGGCAGCCCTC
 TTTGAGTCTATCAAAAGGAACTTCCTTTCCTCAACTGGGATGCCTTTCCTAAGCTGAAAGGACTGAGG
 AGCGCAACTCCTGATGCCAG**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_207392
Insert Size:	300 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).


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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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_207392.2</u>
RefSeq Size:	500 bp
RefSeq ORF:	300 bp
Locus ID:	388533
UniProt ID:	<u>P60985</u>
Cytogenetics:	19q13.12
MW:	11 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>