

## Product datasheet for SC306375

### C1orf172 (KDF1) (NM\_152365) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf172 (KDF1) (NM_152365) Human Untagged Clone
Tag:	Tag Free
Symbol:	KDF1
Synonyms:	C1orf172; ECTD12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306375 representing NM_152365. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCCGCCCTGGACACCCCGCCAGCATCTGGGCCTCCACGCTTGGGACCGTGGGAGCGGCCAACAA
GAGCTATGTCTGGAGACATATGATAAACACCTCAGCCCCACCAAGCCGCCACCCGTAGACCAGAC
CCCAAGGACCCTGGCCACCATGGGCCAGAGAGCATTACCTTCATCTCTGGCTCTGCTGAGCCGGCCCTT
GAGTCCCCACCTGCTGCCTGCTCTGGCGACCCGGGTGTGGGAGTGGTCCGGGCTGCCTTCTGCTTC
CGCCGCTGCCGGATTGCCTCCAGCGCTGTGGAGCCTGTGTGCGGGGATGCAGCCCTGCCTGTCTACT
GAGGACTCCACTGAGGGGACTGCTGAAGCCAAGTGGGCCAAGGAGCACAATGGAGTGCCCCCAGCCCT
GATCGTGCACCCCCAGCCGGCGGGATGGCCAGCGGCTCAAGTCAACCATGGGCAGCAGCTTCAGCTAC
CCCGATGTTAAGCTCAAAGGCATCCCTGTGTATCCCTACCCGAGGGCCACCTCCCCAGCCCTGATGCG
GACTCCTGCTGCAAGGAGCCACTGGCCGATCCCCACCCATGCGACACAGCCTGCCAGCACCTTTGCC
AGTAGTCTCTGTGGCTCCGAGGAGTACTATTCTTTCCATGAGTCGGACCTGGACCTGCCGGAGATGGGC
AGTGGCTCCATGTCGAGCCGAGAAATTGATGTGCTCATCTTCAAGAAGCTGACAGAGCTGTTTCAGCGTA
CACCAGATCGATGAGCTGGCCAAGTGCACATCAGACACTGTGTTCTGGAGAAGACCAGTAAAGATCTCG
GACCTTATCAGCAGCATCAGCAGGACTACCACCTGGATGAGCAGGATGCTGAGGGCCCGCTGGTACGC
GGCATCATTCGCATTAGTACCCGAAAGAGCCGTGCTCGCCACAGACCTCGGAGGGTCTGTTCAACTCGG
GCTGTGCCCCAACCGCTGCTGCCCTGACAGTGGCCATGAGACCATGGTGGGCTCAGGTCTCAGCCAG
GATGAGCTGACAGTGCAGATCTCCAGGAGACGACTGCAGATGCCATCGCCCGGAAGCTGAGGCCTTAT
GGAGCTCCAGGGTACCCAGCAAGCCATGACTCATCTTCCAGGGCACCGACAGACTCGTCCGGGGCA
CCCTTGTCCAGGTGACTGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:	□
ACCN:	NM_152365
Insert Size:	1197 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).
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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_152365.2</a>
RefSeq Size:	1803 bp
RefSeq ORF:	1197 bp
Locus ID:	126695
UniProt ID:	<a href="#">Q8NAX2</a>
Cytogenetics:	1p36.11
MW:	43.6 kDa
Gene Summary:	Plays a role in the regulation of the epidermis formation during early development. Required both as an inhibitor of basal cell proliferation and a promoter of differentiation of basal progenitor cell progeny (By similarity).[UniProtKB/Swiss-Prot Function]