

Product datasheet for **SC308881**

Kindlin (FERMT1) (NM_017671) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kindlin (FERMT1) (NM_017671) Human Untagged Clone
Tag:	Tag Free
Symbol:	Kindlin
Synonyms:	C20orf42; DTGCU2; KIND1; UNC112A; URP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC308881 representing NM_017671.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTGTCATCCACTGACTTTACATTTGCTTCTGGGAGCTTGTGGTCCCGCTTGACCATCCCAATGAA
GAGCAGCAGAAAAGACGTCACACTGAGAGTATCTGGAGACCTTCATGTTGGAGAGTGATGCTCAAGTTA
GTAGAACAGATCAATATATCCCAAGACTGGTCAGACTTTGCTCTTTGGTGGGAACAGAAGCATTGCTGG
CTTCTGAAAACCCACTGGACCCTGGACAATATGGGGTCCAGGCAGATGCAAAGCTTCTCTCACCCCT
CAGCATAAAATGCTGCGCCTTCGTCTGCCGAATTTGAAGATGGTGGAGTTGCGAGTCAGCTTCTCAGCT
GTGGTTTTTAAAGCTGTCAGTGATATCTGCAAAATCCTGAATATTAGAAGATCAGAAGAGCTTCTCTTG
TTAAAGCCGTCTGGTACTATTTAAGAAGAAGAAGAAAAAGACAAAAATAATAAGGAACCCATAATT
GAAGATATTCTAAACCTGGAGAGTTCTCCAACAGCTTCAGTTTCATCAGTAAGTCCTGGTTTATACAGT
AAAACCATGACCCCTATATATGACCCCATCAATGGAACACCAGCATCATCCACCATGACTTGGTTCAGT
GACAGCCCTTTGACGGAACAAAAGCTGCAGCATCCTCGCATTCAGCCAACCCCCAGTCCCAGAAGCA
CTTGCGGATATGTACCAGCCTCGGTCTCTGGTTGATAAAGCCAAGCTCAATGCAGTTGGCTAGACTCC
TCACGCTCCCTTATGGAACAAGGCATCCAAGAGGATGAGCAGCTGCTCTTACGATTTAAATATTATTCT
TTCTTCGACTTGAATCCTAAATATGATGCTGTCCGAATAAACCAACTCTATGAGCAAGCCAGGTGGGCC
ATTCTCTTAGAAGAAATTGATTGCACAGAGGAAGAAATGTTGATCTTTCAGCTCTACAGTACCACATT
AGCAAAGTGTGCTGTCTGCTGAAACACAGGATTTTGCAGGCGAGTCCGAGGTTGATGAAATAGAAGCG
GCGCTTTCTAATTTGGAAGTAACCCTAGAAGGTGGAAAAGCGGACAGCCTTTTGGAGGACATTACTGAT
ATCCCTAAACTTGAGATAATCTCAAATATTTAGGCCAAGAAGTTACTACAAAAGCTTTCAAACAA
TATTGGTTTATCTTTAAGACACATCCATAGCATACTTTAAAAATAAGGAACTTGAACAAGGAGAACCA
CTAGAAAAACTAAATCTTAGAGGCTGCGAAGTTGTGCCGATGTAATGTAGCAGGAAGAAAATTTGGA
ATCAAGTTACTAATCCCTGTTGCCGATGGTATGAATGAAATGATTTGAGATGTGACCATGAGAATCAA
TACGCCCAATGGATGGCTGCCTGCATGTTGGCATCGAAGGGCAAAACCATGGCAGACAGCTCCTACCAG
CCAGAGGTCCTCAACATCCTTTCTGAGGATGAAAAACAGGAACTCTGCATCTCAGGTGGCTTCC
AGTCTCGAAAACATGGATATGAACCCAGAATGTTTTGTGTACCACGGTGTGCAAAAAGACAAAAATCC
AAACAGCTGGCCCGCGGATCCTGGAGGCGCACCAGAACGTGGCCAGATGCCCTGGTGAAGCCAAG
CTGCGGTTTCATCCAGGCGTGGCAGTCACTGCCTGAGTTTGGCCTCACCTACTACCTGTGAGATTTAAA
GGAAGCAAAAAGATGACATTCTGGGAGTTTCATATAACAGGTTGATTAATGATGCAGCCACCGGG
ATTCCAGTGACAACATGGAGATTCACAAATATCAAACAGTGGAATGTAAGTGGGAAACCCGGCAGGTG
GTCATCGAGTTTGACAAAACGCTTTACTGCTTTACCTGCCTGAGTGCAGATTGCAAGATTGTGCAC
GAGTACATTGGCGGCTACATTTCTGTCCACCCGCTCCAAGGACCAGAATGAAACACTCGATGAGGAC
TTGTTCCACAAATTGACCGGCGGTGAGGATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_017671

Insert Size: 2034 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">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_017671.4</u>
RefSeq Size:	5167 bp
RefSeq ORF:	2034 bp
Locus ID:	55612
UniProt ID:	<u>Q9BQL6</u>
Cytogenetics:	20p12.3
MW:	77.4 kDa
Gene Summary:	This gene encodes a member of the fermitin family, and contains a FERM domain and a pleckstrin homology domain. The encoded protein is involved in integrin signaling and linkage of the actin cytoskeleton to the extracellular matrix. Mutations in this gene have been linked to Kindler syndrome. [provided by RefSeq, Dec 2009]