

## Product datasheet for SC335671

### DIPK1A (NM\_001252270) Human Untagged Clone

#### Product data:

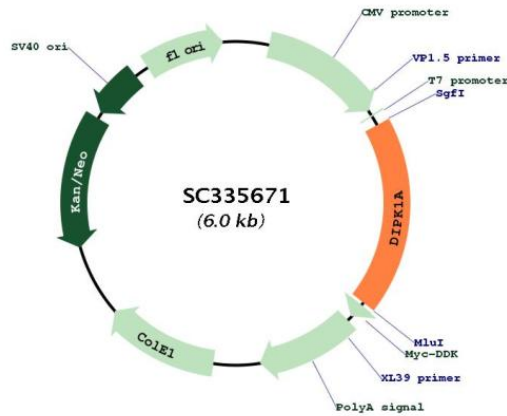
Product Type:	Expression Plasmids
Product Name:	DIPK1A (NM_001252270) Human Untagged Clone
Tag:	Tag Free
Symbol:	DIPK1A
Synonyms:	FAM69A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335671 representing NM_001252270. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGAGGAGTCTGTCCGGGGCCTGGCTAAGGAAACCTATTACCTCCAGGCTCGCTTCTCATAT
GTGCGGATGAAATATCTTTCTTTCTGGTGTAGTGGTTTTTGTGGAAGCTGGATTATATATGTGCAG
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TCCACCAAGCCCAACAATCAGGCAAAATGGGTGACCAAGGAAACCTCTCTGAAGTGGTTAATCTCATC
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CTCAACTGAATGAATTTCTTCTCATGGTGATACTTCAAGATAAAGAACATACCCCAAATTAATGGGA
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ATGGAACATTCTTTGATACTAAATAACCTAAAAACATTATTGTGGAAGAAAATTTCTACACTAATGAC
TCTTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001252270

**Insert Size:** 1110 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).

**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\\_001252270.1](#)

**RefSeq Size:** 2426 bp

**RefSeq ORF:** 1110 bp

**Locus ID:** 388650

**Cytogenetics:** 1p22.1

**Protein Families:** Transmembrane

**MW:** 42.1 kDa

**Gene Summary:**

This gene encodes a member of the FAM69 family of cysteine-rich type II transmembrane proteins. These proteins localize to the endoplasmic reticulum but their specific functions are unknown. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

Transcript Variant: This variant (3) lacks an exon in the coding region but maintains the reading frame, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.

Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.