

Product datasheet for SC331728

CIT (NM_001206999) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CIT (NM_001206999) Human Untagged Clone
Tag:	Tag Free
Symbol:	CIT
Synonyms:	CITK; CRIK; MCPH17; STK21
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331728 representing NM_001206999. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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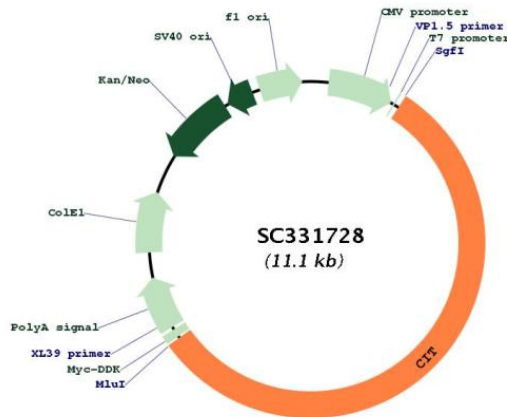
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Restriction Sites:

Sgfl-MluI

Plasmid Map:



ACCN: NM_001206999

Insert Size: 6210 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_001206999.1
RefSeq Size:	8708 bp
RefSeq ORF:	6210 bp
Locus ID:	11113
UniProt ID:	O14578
Cytogenetics:	12q24.23
Protein Families:	Druggable Genome, Protein Kinase
MW:	236.6 kDa
Gene Summary:	<p>This gene encodes a serine/threonine-protein kinase that functions in cell division. Together with the kinesin KIF14, this protein localizes to the central spindle and midbody, and functions to promote efficient cytokinesis. This protein is involved in central nervous system development. Polymorphisms in this gene are associated with bipolar disorder and risk for schizophrenia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>