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Product datasheet for SC318723

CNTRL (NM_007018) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNTRL (NM_007018) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNTRL
Synonyms:	bA165P4.1; CEP1; CEP110; FAN
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_007018 edited
TAACACCTGGCTTTATTCTTGCAATGAAGAAAGGTTCTCAACAAAAAATATTCTCCAAAG
CAAAGATACCATCATCATCTCACTCTCCTATCCCATCATCTATGTCCAATATGAGATCTA
GGTCACTTTCACCTTTGATTGGATCAGAGACTCTACCTTTTCATTCTGGAGGACAGTGGT
GTGAGCAAGTTGAGATTGCAGATGAAAACAATATGCTTTTGGACTATCAAGACCATAAAG
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TTTTTTTAATCAAGATGCAGTGAACTGAGATTCTGAAACTCCACTGTAGTTTACTTTGCC
TGTACCATTAATGCCAATG

Restriction Sites: Please inquire

ACCN: NM_007018

Insert Size: 7200 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_007018.1.
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_007018.4, NP_008949.4
RefSeq Size:	7431 bp
RefSeq ORF:	6978 bp
Locus ID:	11064
UniProt ID:	Q7Z7A1
Cytogenetics:	9q33.2
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a centrosomal protein required for the centrosome to function as a microtubule organizing center. The gene product is also associated with centrosome maturation. One version of stem cell myeloproliferative disorder is the result of a reciprocal translocation between chromosomes 8 and 9, with the breakpoint associated with fibroblast growth factor receptor 1 and centrosomal protein 1. [provided by RefSeq, Jul 2008]