

Product datasheet for **RC230423**

SUN1 (NM_001171944) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SUN1 (NM_001171944) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SUN1
Synonyms:	UNC84A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC230423 representing NM_001171944
Red=Cloning site Blue=ORF Green=Tags(s)

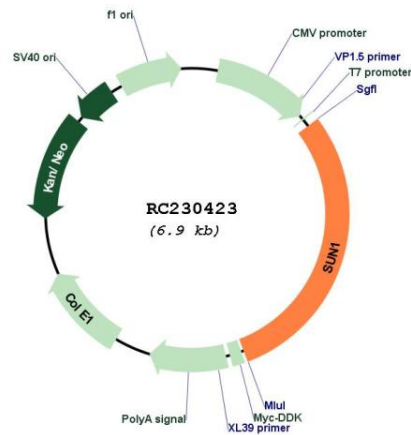
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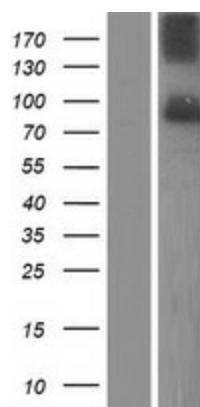
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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:	NM_001171944.2
RefSeq ORF:	2049 bp
Locus ID:	23353
UniProt ID:	O94901
Cytogenetics:	7p22.3
Protein Families:	Transmembrane
MW:	76.9 kDa
Gene Summary:	This gene is a member of the unc-84 homolog family and encodes a nuclear envelope protein with an Unc84 (SUN) domain. The protein is involved in nuclear anchorage and migration. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2019]

Product images:



Circular map for RC230423



Western blot validation of overexpression lysate (Cat# [LY433423]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC230423 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).