

Product datasheet for RC217282

Ninein (NIN) (NM_182944) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ninein (NIN) (NM_182944) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NIN
Synonyms:	SCKL7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC217282 representing NM_182944 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
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Protein Sequence:

>RC217282 representing NM_182944
 Red=Cloning site Green=Tags(s)

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 EQRAVHADSYRRIGHL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

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_182944.2](#), [NP_891989.2](#)

RefSeq Size: 6808 bp

RefSeq ORF: 6141 bp

Locus ID: 51199

UniProt ID: [Q8N4C6](#)

Cytogenetics: 14q22.1

MW: 238.1 kDa

Gene Summary: This gene encodes one of the proteins important for centrosomal function. This protein is important for positioning and anchoring the microtubules minus-ends in epithelial cells. Localization of this protein to the centrosome requires three leucine zippers in the central coiled-coil domain. Multiple alternatively spliced transcript variants that encode different isoforms have been reported. [provided by RefSeq, Jul 2008]