

Product datasheet for MR202378

Naca (BC099375) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Naca (BC099375) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Naca
Synonyms:	skNAC, mKIAA0363
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202378 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCGGTGAAGCCACAGAAACCGTCCCTGCTACAGAGCAGGAGTTGCCACAGCCTCAGGCTGAGACAG
GATCGGGAACAGAGTCTGACAGTGATGAGTCAGTACCAGAGCTCGAGGAACAAGACTCCACACAGACGGC
CACGCAGCAAGCCAGCTGGCAGCCGCAGCAGAGATCGATGAAGAACCTGTTAGTAAAGCCAAGCAGAGT
CGAAGTGAGAAGAAGCAAGGAAGGCTATGTCCAACCTGGGTCTTCGACAGGTTACAGGGTTACGAGAG
TCACTATCCGAAAATCTAAAAATATCCTCTTTGTTCATCACAACCCGATGTCTACAAGAGCCAGCTTC
AGACACCTACATAGTGTTTGGGGAAGCCAAGATTGAAGATTTGTCTCAGCAAGCAGATTAGCAGCTGCT
GAGAAATTCAAAGTTCAAGGTGAAGCTGTTTCAAACATTCAGGAAAACACTCAGACTCCAACCGTCCAAG
AGGAGAGTGAAGAAGAGGAGGTTGATGAGACGGGTGTGGAAGTTAAGGACATAGAAGTGGTCATGTCGCA
AGCAAACGTATCAAGAGCAAAGGCTGTTTCGAGCCCTGAAAAACAACAGTAATGATATTGTAATGCTATT
ATGGAATTAACAATG

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: [BC099375](#), [AAH99375](#)

RefSeq Size: 819 bp

RefSeq ORF: 647 bp

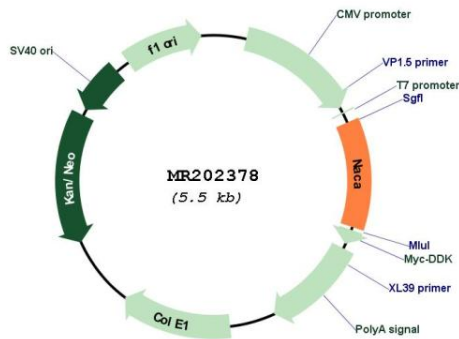
Locus ID: 17938

Cytogenetics: 10 D3

MW: 23.4 kDa

Gene Summary: Prevents inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). Binds to nascent polypeptide chains as they emerge from the ribosome and blocks their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. Also reduces the inherent affinity of ribosomes for protein translocation sites in the ER membrane (M sites) (By similarity). Isoform 1 and isoform 2 appear to bind DNA and play roles in transcription. Isoform 1 may function as a specific coactivator for JUN, acting to stabilize the interaction of JUN homodimers with promoter elements. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202378