

Product datasheet for RC215017

NORE1 (RASSF5) (NM_182663) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NORE1 (RASSF5) (NM_182663) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NORE1
Synonyms:	Maxp1; NORE1; NORE1A; NORE1B; RAPL; RASSF3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC215017 representing NM_182663 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCATGGCGTCCCCGGCCATCGGGCAGCGCCCGTACCCGCTACTCTTGGACCCCGAGCCGCCGCGCT
ATCTACAGAGCCTGAGCGGCCCGAGCTACCGCCCGCCCGCCCGACCGGTCTCGCGCCTCTGTGTCCC
GGCGCCCTCTCCACTGCGCCCGGGGCGCGGAGGGGCGCAGCGCCCGGAGGGCTGCCCGGGGAACCTG
GAGCCCCCGCCCGGGCCTCCCGACCCGCTCGCCCGCTCCGGCTGGTCTGCAGCAGAGACTGCGGCGGC
GGCCTGGAGCGCCCCGACCCCGCAGCTGCGGAGCATCTCGAGCAGCCGAGGATCCAGAGTCCCGGC
GGAGCGAGGGCAGGGGCACTGCTTCGCCGAGTTGGTGCTGCCGGGCGGCCCGGCTGGTGTGACCTGTG
GGACGAGAGGTGCTGCGGCAGGCCTGCGCTGCACTAACTGTAATTCACCTGTACCCAGAATGCCGCA
GCCTGATCCAGTTGGACTGCAGTCAGCAGGAGGGTTTATCCCGGGACAGACCCTCTCCAGAAAGCACCT
CACCGTGACCTTCAGCCAGAATGTCTGTAACCTGTGGAGGAGACACAGCGCCCGCCCACTGCAGGAG
ATCAAGCAGAAGATCGACAGCTACAACACGCGAGAGAAGAACTGCCTGGGCATGAACTGAGTGAAGACG
GCACCTACACGGGTTTCATCAAAGTGATCTGAACTCCGGCGGCTGTGACGGTGCCTGCTGGGATCCG
GCCCCAGTCCATCTATGATGCCATCAAGGAGGTGAACCTGGCGGCTACCACGGACAAGCGGACATCCTTC
TACCTGCCCTAGATGCCATCAAGCAGCTGCACATCAGCAGCACCACCAGTCACTGAGGTGATCCAGG
GGCTGCTCAAGAAGTTTCATGGTTGGACAATCCCGAGAAGTTTGCACTTTTAAAGCGGATACACAAGGA
CGGACAAGTGCTCTCCAGAACTCTCCATTGCTGACCGCCCTCTACCTGCGCCTGCTTGTGGCCT
GACACGGAGGTCCTCAGCTTTGTGCTAAAGGAGAATGAACTGGAGAGGTAGAGTGGGATGCCTTCTCCA
TCCCTGAACTTCAGAACTTCTAACAATCCTGGAAAAAGAGGAGCAGGACAAAATCCAACAAGTGCAAAA
GAAGTATGACAAGTTTAGGCAGAACTGGAGGAGGCTTAAGAGAATCCAGGGCAAACCTGGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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: [NM_182663.1](#), [NP_872604.1](#)

RefSeq Size: 2048 bp

RefSeq ORF: 1257 bp

Locus ID: 83593

UniProt ID: [Q8WWW0](#)

Cytogenetics: 1q32.1

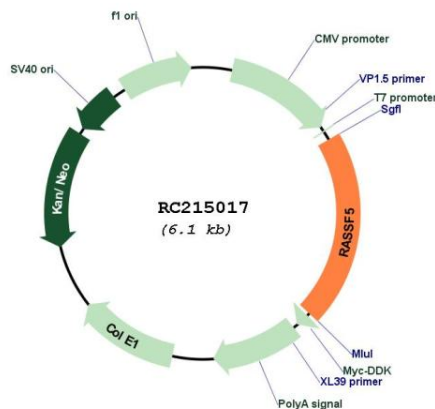
Protein Families: Druggable Genome

Protein Pathways: Leukocyte transendothelial migration, Non-small cell lung cancer, Pathways in cancer

MW: 46.9 kDa

Gene Summary: This gene is a member of the Ras association domain family. It functions as a tumor suppressor, and is inactivated in a variety of cancers. The encoded protein localizes to centrosomes and microtubules, and associates with the GTP-activated forms of Ras, Rap1, and several other Ras-like small GTPases. The protein regulates lymphocyte adhesion and suppresses cell growth in response to activated Rap1 or Ras. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC215017