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Product datasheet for RC211736

ZNF700 (NM_144566) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF700 (NM_144566) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF700
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC211736 representing NM_144566
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCTGCTGTAGTCACAGGAGCTGTAGAGAGGACCCCGGTACATCTGAAAGCCGGGAAATGGACCCAG
TGGCCTTTGAGGATGTGGCTGTGAACTTCACCCAGGAAGAGTGGACATTGCTGGATATTTCCCAGAAGAA
TCTCTTCAGGGAAGTGATGCTGGAAACTTTCAGGAACCTGACCTCTATAGGAAAAAAATGGAGTGACCAG
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AGCCTTCAATCTTTCCAGTTCCTTTCGATATCATGAAAGGATTCACACTGGAGAGAAACCCTATGAGTGT
AAGCAGTGTGGGAAAGCCTTCAGATCTGCCTCACAGCTTCGAGTGCACGGTGGGACTCACACTGGAGAGA
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GGACTCATATGGGAGAGAAGCCATATGAATGTAAGGATTGTGGGAAAGCATTCAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

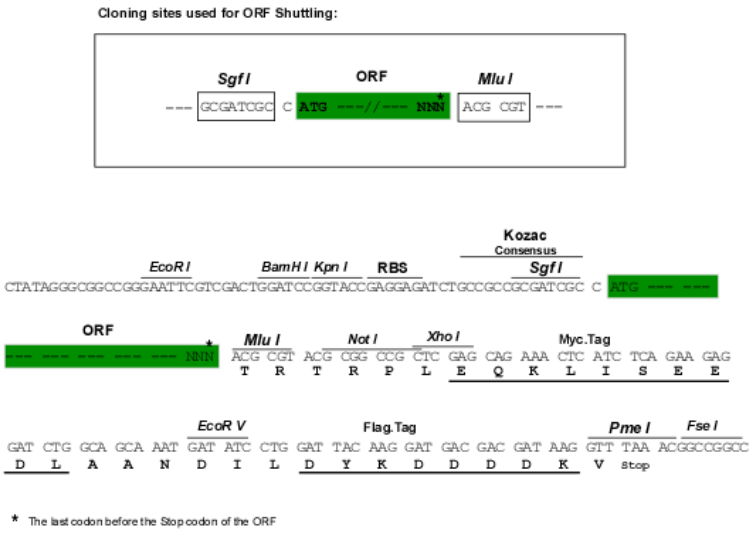
>RC211736 representing NM_144566
Red=Cloning site Green=Tags(s)

MPCCSHRSCREDPGTSESREMDPVAFEDVAVNFTQEEWTLLDISQKNLFREVMLETFRNLTSIGKKWSDQ
NIEYEYQNPRRSFRSLIEEKVNEIKEDSHCGETFTQVPDDRLNFQEKKASPEVKSCDSFVCAEVGIGNSS
FNMSIRGDTGHKAYEYQEYGPKPYKCQQPKNKKAFRYRPSIRTQERDHTGEKPYACKVCGKTFIFHSSIR
RHMVMHSGDGTYKCKFCGKAFHSFSLYLIHERTHTGEKPYECKQCGKSFTYSATLQIHERTHTGEKPYEC
SKCDKAFHSSSSYHRHERSHMGEKPYQCKECGKAFAYTSSLRRHERTHSGKKPYECKQYGEGLSYLISFQ
THIRMNSGERPYKCKICGKGFYSAKSFQTHEKTHTGEKRYKCKQCGKAFNLSSSFRYHERIHTGEKPYEC
KQCGKAFRSASQLRVHGGTHTGEKPYECKECGKAFRSTSHLRVHGRTHTGEKPYECKECGKAFRYVKHLQ
IHERTEKHIRMPSGERPYKCSICEKGFYSAKSFQTHEKTHTGEKPYECNQCGKAFRCCNSLRYHERTHTG
EKPYECKQCGKAFRSASHLRMHERTHTGEKPYECKQCGKAFSCASNLRKHGRTHTGEKPYECKQCGKAFR
SASNLQMHERTHTGEKPYECKECEKAFCKFSSFQIHERKHRGEKPYECKHCGNGFTSAKILQIHARTHIG
EKHYECKECGKAFNYFSSLHIHARTHMGEKPYECKDCGKAFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_144566

ORF Size: 2226 bp

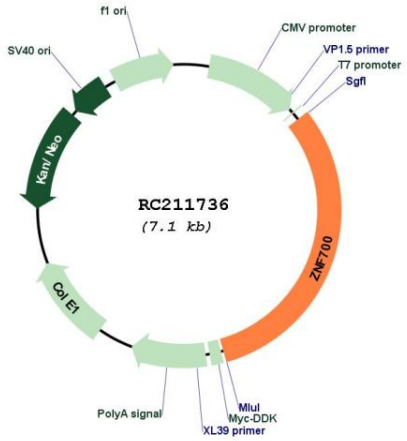
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_144566.3
RefSeq Size:	2884 bp
RefSeq ORF:	2229 bp
Locus ID:	90592
UniProt ID:	Q9H0M5
Cytogenetics:	19p13.2
MW:	86.2 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC211736