OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC216811

ZNF560 (NM_152476) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	ZNF560
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>RC216811 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTTACTGCCTGACAAATTGTTATCAGTACTCCGTGACCTTTGAGGATACAGCTGTGGACTTCACCC
AGGAGGAGTGGATTTTACTGGACCCAGTTCAGAGAAACTTATACAGAGATGTGATGCTGGAGAATTATGA
GAACGTGGCCAAAGTAGGATTTCAGCTCTTTAAACCCAGTGTCATCTCTTGGTTGGAAGAAGAAGAGTTG
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AGGAGTTTTGGAAAATACAAACTTCTAATGGGATACAAATGGACCTGGTAACCTTTGACAGTGTGGCTGT
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GGCCTTTGGTACATCCTCAGGTGTTATTGAAGATAGAAGAAGTAACACAGGACAGAAACGCTTTGATTGT
GACCAGTGTGGGAAAGTCTTTGTTTCTTTCTCATCTCTTTTTGCTCATTTGAGAACTCACACTGGTGAGA
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GACCAGTGTGGGAAAGCCTTTGCTTCTTTCTCAGCTCGTATTGCACATTTGAAAACACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216811 protein sequence
Red=Cloning site Green=Tags(s)

MAYCLTNCYQYSVTFEDTAVDFTQEEWILLDPVQRNLYRDVMLENYENVAKVGFQLFKPSVISWLEEEEL
RTLQQGVLQDWAIKHQTSVSALQQEFWKIQTSNGIQMDLVTFDSVAVEFTQEEWTLLDPAQRNLYSDVML
ENYKNLSSVGYQLFKPSLISWLEEEEELSTLPRVLQEWKMCLKTKGPALWQDNFCLKTLNGIQLARNQNG
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KDCGKAFVVSSSLVDHLRTHTGYKPYKCNACEKAYSRSCVLTQHLKTHAAEKTSECNACGNSFRNSMCFH
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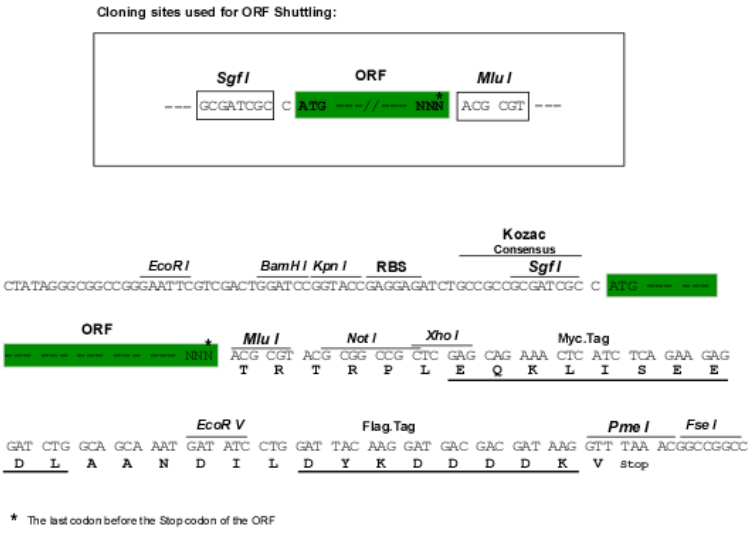
DQCGKAFASFSARIAHLKTH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6602_b02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152476

ORF Size: 2370 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_152476.3

RefSeq Size: 2802 bp

RefSeq ORF: 2373 bp

Locus ID: 147741

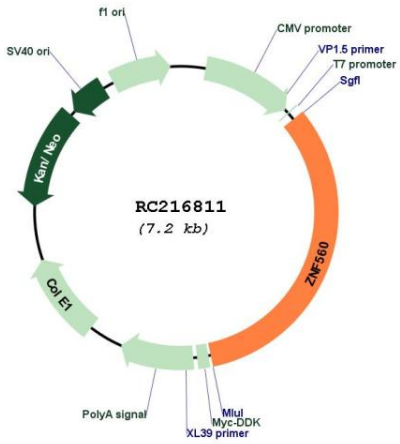
UniProt ID: Q96MR9

Cytogenetics: 19p13.2

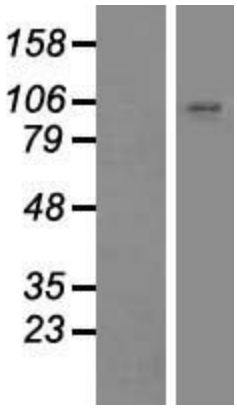
MW: 91.1 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC216811



Western blot validation of overexpression lysate (Cat# [LY407530]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC216811 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).