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Product datasheet for RC229893

ZNF185 (NM_001178115) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF185 (NM_001178115) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF185
Synonyms:	SCELL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC229893 representing NM_001178115
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCGCCCGGGACGAGCTCGGCCTCGGCGGGGATTCTCTTGAGGCCATGCCCGTGCCGGCCGCCAGAG
GTCGCCCGAGGATCACGAATGGGCCCGAGGAGCTGGCTGCCCCTTCCCCCGCGGCCTTGGCTGATTATGA
GGGGAAGGATGTGGCCACCAGGGTCGGAGAGGCCTGGCAGGAGAGGCCTGGAGCTCCAAGAGGTGGCCAA
GGAGACCCAGCTGTACCCGCTCAGCAACCTGCAGATCCCAGCACCCCAGAGCGGCAGAGCAGCCCCAGCG
GATCTGAGCAACTTGTCAGACGAGAGAGTTGTGGCAGCAGCGTGTTGACTGATTTTGAGGGGAAGGATGT
GGCCACCAAGGTCGGAGAGGCCTGGCAGGACAGGCCTGGAGCCCCAAGAGGTGGCCAAGGAGACCCAGCT
GTACCCACTCAGCAACCTGCAGATCCCAGTACCCCAGAACAGCAGAACAGCCCCAGCGGATCTGAGCAAT
TCGTCAGACGAGAGAGCTGCACCAGCAGGGTGAGGAGCCCCTCGAGCTGCATGGTCACTGTTACTGTCAC
TGCCACATCTGAGCAGCCTCACATTTATATTCCAGCCCCCGCAAGTGAATTGGACTCCAGCTCTACCACC
AAAGGGATTCTCTTCGTGAAGGAGTACGTGAATGCTAGTGAAGTGTCTTCTGGGAAGCCAGTATCTGCAC
GCTATAGCAACGTCAGCAGCATTGAGGACTCATTCGCCATGGAGAAGAAGCCTCCATGTGGCAGCACTCC
ATACTCTGAGAGGACAACTGGAGGGATCTGTACTTACTGCAACCGTGAGATCCGAGACTGTCCAAAGATT
ACCCTAGAACATCTTGGTATCTGCTGCCATGAATATTGCTTTAAGTGTGGGATTTGCAGTAAACCGATGG
GCGATCTCCTGGATCAGATCTTCATTCACCGTGACACCATTCACTGTGGGAAATGCTATGAGAAGCTCTT
C

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

View online »

Protein Sequence:

>RC229893 representing NM_001178115
Red=Cloning site Green=Tags(s)

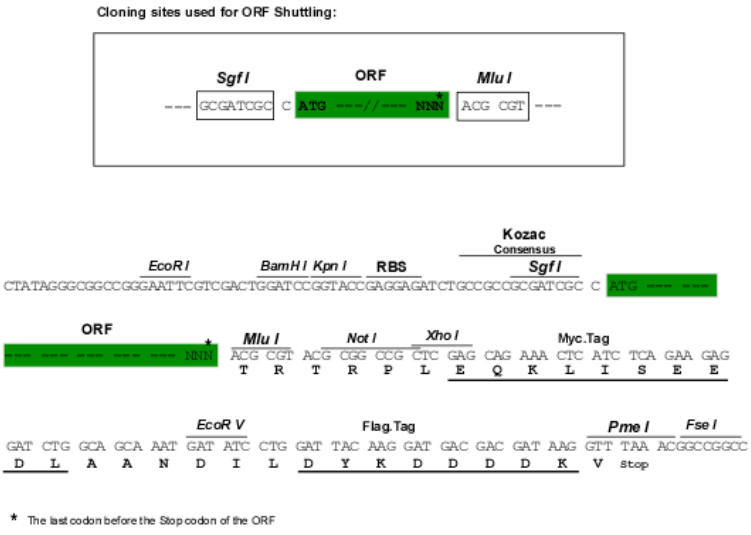
MAARDELGLGGDSLEAMPVPAARGRPRITNGPEELAAPSPAALADYEGKDVATRVGEAWQERPGAPRGGQ
GDPAVPAQQPADPSTPERQSSPSGSEQLVRRESCGSSVLTDFEGKDVATKVGEAWQDRPGAPRGGQGDPA
VPTQQPADPSTPEQQNSPSGSEQFVRRESCTSRVRSPSSCMVTVTVTATSEQPHIYIPAPASELDSSSTT
KGILFVKEYVNASEVSSGKPVSARYSNVSSIEDSFAMEKKPPCGSTPYSERTTGGICTYCNREIRDCPKI
TLEHLGICCHEYCFKCGICSKPMGDLLDQIFIHRDTIHCGKCYEKLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8052_d10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001178115

ORF Size: 981 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_001178115.1, NP_001171586.1

RefSeq ORF: 984 bp

Locus ID: 7739

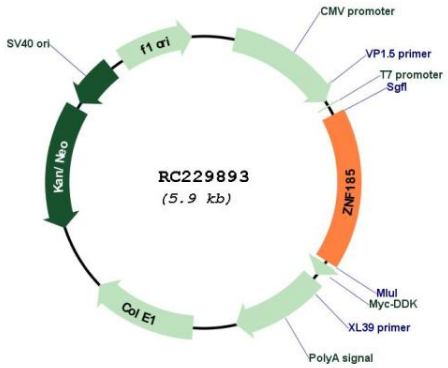
UniProt ID: O15231

Cytogenetics: Xq28

MW: 35.4 kDa

Gene Summary: Zinc-finger proteins bind nucleic acids and play important roles in various cellular functions, including cell proliferation, differentiation, and apoptosis. This gene encodes a LIM-domain zinc finger protein. The LIM domain is composed of two contiguous zinc finger domains, separated by a two-amino acid residue hydrophobic linker. The LIM domain mediates protein:protein interactions. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, May 2010]

Product images:



Circular map for RC229893