

Product datasheet for **RC230434**

ZNF185 (NM_001178108) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF185 (NM_001178108) 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)



[View online »](#)

ORF Nucleotide
Sequence:

>RC230434 representing NM_001178108
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGTATCTCAGCTCTTGGAGGCCGACCAAAGGGAAGCCTCTGCCACCAGCGGAGGAGGAGCGCAATA
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GTTCCGAAGCCTAGGCCTCCGAGCACAAGGGCTCCCACTGGCTACATCATCCGGGGAGTGTTCACCAAGC
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TCTGGTGAGAACGCTAACGCTGGTCTCCCGCCCTCTCTCTGGCTACAAGATGACCACTGAGGAT
TACAAGAAGCTGGCACCCTACAATATCAGGCGCAGCTCTACATCAGGGGACACCGAGGAGGAGGAGG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC230434 representing NM_001178108
Red=Cloning site Green=Tags(s)

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MSISALGGRTKGKPLPPGEEERNNVLKQMKVRTTLKGDKSWITKQDESEGRTEIPLSGRSRATSFSSAGE
VPKPRPPSTRAPTYIIRGVFTKPIDSSSQPQQQFPKANGTPKSAASLVRTANAGPPRPSSSGYKMTTED
YKKLAPYNIRRSSTSGDTEEEEEVEVPFSSDEQKRRSEAAASGVLRRTPREHSYVLSAAKKSTGSPTQE
TQAPFIAKRVEVVEEDGPESEKSDPPALARSTPGSNSADGGRTKASRAIWIIECLPSMPSPAGSQELSSRG
EEIVRLQILTPRAGRLVAPDVEGMRSSPGNKDKEAPCSRELQRDLAGEEAFRAPNTDAARSSAQLSDGN
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PAPASELDSSTTKGILFVKEYVNAVSEVSSGKPVSAARYSNVSSIEDSFAMEKKPPCGSTPYSSERTGGIC
TYCNREIRDCPKITLEHLGICCHEYCFKCGICSKPMGDLLDQIFIHRDTIHCCKCYEKLK
    
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001178108

ORF Size: 2070 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_001178108.1](#), [NP_001171579.1](#)

RefSeq ORF: 2073 bp

Locus ID: 7739

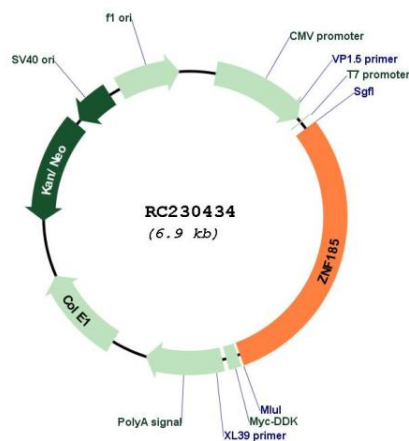
UniProt ID: [O15231](#)

Cytogenetics: Xq28

MW: 74.1 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 RC230434