

Product datasheet for **RG230434**

ZNF185 (NM_001178108) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF185 (NM_001178108) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF185
Synonyms:	SCELL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG230434 representing NM_001178108
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTATCTCAGCTCTTGGAGGCCGACCAAAGGGAAGCCTCTGCCACCAGCGGAGGAGGAGCGCAATA
 ACGTTCTCAAGCAGATGAAAGTGCGAACACGCTGAAGGGGGACAAGAGCTGGATTACCAAGCAGGATGA
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 TCTGGTGAGAACGCTAACGCTGGTCTCCCGCCCTCTCTCTGGCTACAAGATGACCACTGAGGAT
 TACAAGAAGCTGGCACCTACAATATCAGGCGCAGCTCTACATCAGGGGACACCGAGGAGGAGGAGG
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 GAGGAGCCCTCGAGCTGCATGGTCACTGTTACTGTCACTGCCACATCTGAGCAGCCTCACATTTATATT
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 AATATTGCTTTAAGTGTGGGATTTGAGTAAACCGATGGGCGATCTCCTGGATCAGATCTTCATTCACCG
 TGACACCATTCACTGTGGGAAATGCTATGAGAAGCTCTTC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG230434 representing NM_001178108
 Red=Cloning site Green=Tags(s)

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MSISALGGRTKGKPLPPGEEERNNVLKQMKVRTTLKGDKSWITKQDESEGRTEI LPSGRSRATSFSSAGE
VPKPRPPSTRAPTGYIIRGVFTKPIDSSSQPQQQFPKANGTPKSAASLVRTANAGPPRPSSSGYKMTTED
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VGSATGSRPEGLAAVDIGSERGSSSATSVAVPADRKSNSTAAQEDAKADPKGALADYEGKDVATRVGE
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RPGAPRGGQGDPAVPTQQPADPSTPEQQNSPSGSEQFVRRRESCTSRVRS PSCMVTVTVTATSEQPHIYI
PAPASELDSSTTKGILFVKEYVNA SEVSSGKPV SARYSNVSSIEDSFAMEKKPPCGSTPY SERTTGGIC
TYCNREIRDCPKITLEHLGICCHEYCFKCGICSKPMGDLLDQIF IHRDTIHCGKCYEKL F
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TRTRPLE - GFP Tag - V

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 Size: 4347 bp

RefSeq ORF: 2073 bp

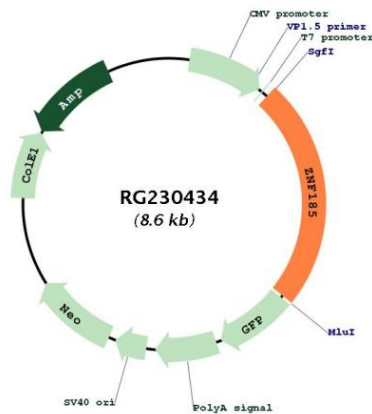
Locus ID: 7739

UniProt ID: [O15231](#)

Cytogenetics: Xq28

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 RG230434