

Product datasheet for **RG230456**

ZNF185 (NM_001178106) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF185 (NM_001178106) 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:

>RG230456 representing NM_001178106
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGTATCTCAGCTCTTGGAGGCCACCAAAGGGAAGCCTCTGCCACCAGCGAGGAGGAGCGCAATA
ACGTTCTCAAGCAGATGAAAGTGCGAACCACGCTGAAGGGGGACAAGAGCTGGATTACCAAGCAGGATGA
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TCTGGTGAGAACAGCTAACGCTGGTCTCCCGCCCTCTCTCTGGCTACAAGATGACCACTGAGGAT
TACAAGAAGCTGGCACCCTACAATATCAGGCGCAGCTCTACATCAGGGGACACCGAGGAGGAGGAGG
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CAGGCACCGTTTATCGCGAAGAGGGTGGAGGTGGTGAAGAGGACGGGCCCTCTGAGAAGAGCCAGGACC
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GGATCCGGAGCCACGGGCTCCCGCCTGAAGCCTGGCTGCAGTAGACATCGGCTCCGAGAGAGGAAGGC
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AGAGGACAACCTGGAGGGATCTGTACTTACTGCAACCGTGAGATCCGAGACTGTCCAAAGATTACCCTAGA
ACATCTTGGTATCTGCTGCCATGAATATTGCTTTAAGTGTGGGATTTGCAGTAAACCGATGGGCGATCTC
CTGGATCAGATCTTATTACCGTGACACCATTCACTGTGGAAATGCTATGAGAAGCTCTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG230456 representing NM_001178106
 Red=Cloning site Green=Tags(s)

MSISALGGRTKGKPLPPGEEERNNVLKQMKVRTTLKGDKSWITKQDESEGRTEI LPSGRSRATSFSSAGE
 VPKPRPPSTRAPTGYIIRGVFTKPIDSSSQPQQQFPKANGTPKSAASLVRTANAGPPRPSSSGYKMTTED
 YKKLAPYNIRRSSTSGDEEEEEEEVVPFSSDEQKRRSEAAASGLVLRRTAPREHSYVLSAAKKSTGPTQET
 QAPFIAKRVEVVEEDGPSEKSQDPPALARSTPGSNSADGGRTKASRAIWIECLPSPMPSPAGSQELSSRGE
 EIVRLQILTPRAGLRLLVAPDVEGMRSSPGNKDKEAPCSRELQRDLAGEEAFRAPNTDAARSSAQLSDGNV
 GSGATGSRPEGLAAVDIGSERGRLCAAASFASFLLEDQDGHANSQCKPRPAAISSATSVS AVPADRKS
 NSTAAQEDAKADPKGALADYEGKDVATRVGEAWQERPGAPRGGQGDPAVPAQQPADPSTPERQSSPSGSE
 QLVRES CGSSVLTDFEGKDVATKVGAEWQDRPGAPRGGQGDPAVPTQQPADPSTPEQQNSPSGSEQFVR
 RESCTSRVRSPPSCMVTVTVTATSEQPHIYIPAPASELDSSTTKGILFVKEYVNA SEVSSGKPV SARYS
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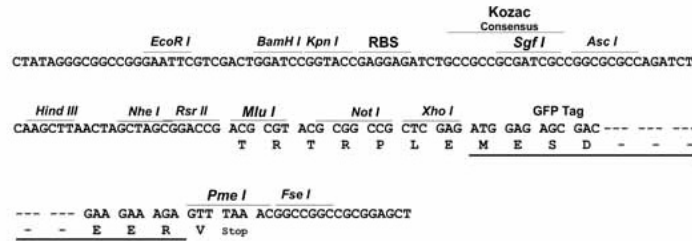
TRTRPLE - GFP Tag - V

Restriction Sites:

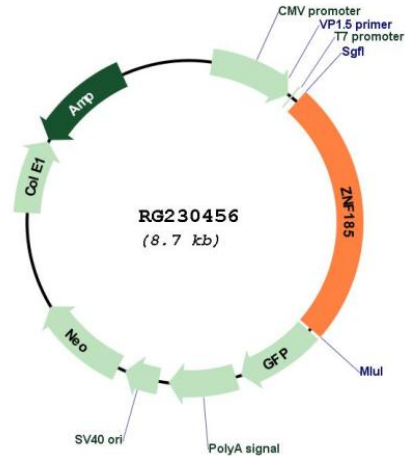
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001178106

ORF Size: 2163 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_001178106.1](#), [NP_001171577.1](#)

RefSeq Size: 4440 bp

RefSeq ORF: 2166 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]