

Product datasheet for **RG213230**

ZNF185 (NM_007150) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF185 (NM_007150) 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:

>RG213230 representing NM_007150
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTATCTCAGCTCTTGGAGGCCGACCAAAGGGAAGCCTCTGCCACCAGCGGAGGAGCGCAATA
 ACGTTCTCAAGCAGATGAAAGTGCGAACACGCTGAAGGGGACAAGAGCTGGATTACCAAGCAGGATGA
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 CCATAGACAGCTTCCCAGCCCAGCAGCAGTCCCCAAGGCCAACGGGACTCCAAAAAGTGCTGCCAG
 TCTGGTGAGAACGCTAACGCTGGTCTCCCGCCCTCTCTCTGGCTACAAGATGACCACTGAGGAT
 TACAAGAAGCTGGCACCTACAATATCAGGCGCAGCTCTACATCAGGGGACACCGAGGAGGAGGAGG
 AGGAGGTGGTGCATTCTCTCAGATGAACAGAAACGGAGGTGAGGGCTGCAAGCGGTGTTCTGAGGAG
 GACAGCTCCCGGAGCACTCTACGTCCTGTGAGCGCAAGAAGAGCACTGGTCTACCCAGGAGACA
 CAGGCACCGTTTATCGCGAAGAGGGTGGAGGTGGTGAAGAGGACGGGCCCTCTGAGAAGAGCCAGGACC
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 CAGAACAGCAGAACAGCCCCAGCGGATCTGAGCAATTCGTCAGACGAGAGAGCTGCACCAGCAGGGTGAG
 GAGCCCCTCGAGCTGCATGGTCACTGTTACTGTCACTGCCACATCTGAGCAGCCTCACATTTATATTCCA
 GCCCCCGCAAGTGAATTGGACTCCAGCTCTACCACCAAGGGATTCTCTTCGTGAAGGAGTACGTGAATG
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 CGCCATGGAGAAGAAGCCTCCATGTGGCAGCACTCCATACTCTGAGAGGCAACTGGAGGGATCTGTACT
 TACTGCAACCGTGAGATCCGAGACTGTCCAAGATTACCCTAGAACATCTTGGTATCTGCTGCCATGAAT
 ATTGCTTAAAGTGTGGGATTTGCAGTAAACCGATGGGCGATCTCCTGGATCAGATCTTCATTACCGTGA
 CACCATTCACTGTGGAAATGCTATGAGAAGCTCTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG213230 representing NM_007150
 Red=Cloning site Green=Tags(s)

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MSISALGGRTKGKPLPPGEEERNNVLKQMKVRTTLKGDKSWITKQDESEGRTEI LPSGRSRATSFSSAGE
VPKPRPPSTRAPTGYIIRGVFTKPIDSSSQPQQQFPKANGTPKSAASLVRTANAGPPRPSSSGYKMTTED
YKKLAPYNI RRSSTSGDTEEEEEEEVVPFSSDEQKRRSEAA SGVLRRTAPREHSYVLSAAKKSTGPTQET
QAPFIAKRVEVVEEDGPSEKSDPPALARSTPGSNSADGGRTKASRAIWIECLPSPMPSPAGSQELSSRGE
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PGAPRGGQDPAVPTQQPADPSTPEQQNSPSGSEQFVRRESCTSRVRSPPSCMVTVTVTATSEQPHIYIP
APASELDSSTTKGILFVKEYVNASEVSSGKPV SARYSNVSSIEDSFAMEKKPPCGSTPYSERTTGGICT
YCNREIRDCKPITLEHLGICCHEYCFKCGICSKPMGDL LDQIF IHRDTIHC GKCYEKL F
  
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_007150

ORF Size: 2067 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_007150.3](#), [NP_009081.2](#)

RefSeq Size: 4312 bp

RefSeq ORF: 2070 bp

Locus ID: 7739

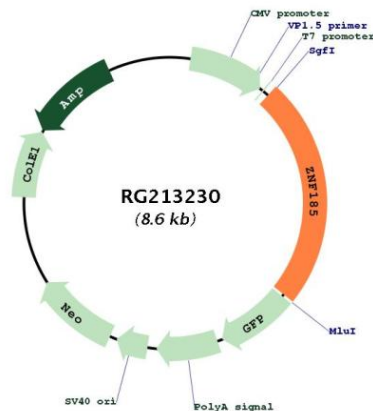
UniProt ID: [O15231](#)

Cytogenetics: Xq28

Domains: LIM

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 RG213230