

Product datasheet for **RG230370**

ZNF185 (NM_001178110) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF185 (NM_001178110) 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:

>RG230370 representing NM_001178110
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTATCTCAGCTCTTGGAGGCCGACCAAAGGGAAGCCTCTGCCACCAGCGGAGGAGGAGCGCAATA
 ACGTTCTCAAGCAGATGAAAGTGCGAACACGCTGAAGGGGGACAAGAGCTGGATTACCAAGCAGGATGA
 ATCGGAGGGTCGCACCATAGAGCTGCCCTCAGGCCGAGTCGCGCCACATCCTTTTCATCAGCTGGGGAG
 GTTCCGAAGCCTAGGCCTCCGAGCACAAGGGCTCCCACTGGTACATCATCCGGGGAGTGTTCACCAAGC
 CCATAGACAGCTTCCAGCCCCAGCAGCAGTCCCCAAGGCCAACGGGACTCCAAAAGTGCTGCCAG
 TCTGGTGAGAACGCTAACGCTGGTCTCCCGCCCTCTCTCTGGCTACAAGATGACCACTGAGGAT
 TACAAGAAGCTGGCACCTACAATATCAGGCGCAGCTCTACATCAGGGGACACCGAGGAGGAGGAGG
 AGGAGGTGGTCCATTCTCTCAGATGAACAGAAACGGAGGTGAGAGGCTGCAAGCGGTGTTCTGAGGAG
 GACAGCTCCCGGAGCACTCTACGCTCTGTCAGCGGCCAAGAAGAGCACTGGTCTACCCAGGAGACA
 CAGGCACCGTTTATCGCGAAGAGGGTGGAGGTGGTGAAGAGGACGGGCCCTCTGAGAAGAGCCAGGACC
 CACCTGCTCTGGCAAGATCCACTCTGGCTCAAACAGGTCTCCCAAGGCAACAAAGACAAGGAGGCCCC
 CTGCTCCAGAGAGCTCCAGAGGGACTTGGCTGGTGAAGGCTTTTCCAGGGCCCCAACACAGATGCTGCA
 AGGTCAAGTGCACAGTTGAGTGTGGCAATGTGGGATCCGGAGCCACGGGCTCCCGGCTGAAGGCTTGG
 CTGCAAGTGCACAGTTGAGTGTGGCAATGTGGGATCCGGAGCCACGGGCTCCCGGCTGAAGGCTTGG
 CTGCAAGTGCACAGTTGAGTGTGGCAATGTGGGATCCGGAGCCACGGGCTCCCGGCTGAAGGCTTGG
 GGAAGGATGTGGCCACCAGGGTCCGAGAGGCTCCAGTGCACACTTCACTCTCTGCTGTCCCTGCTGATAG
 GAGAGCAACAGCACAGCAGCCCAGGAGGATGCAAAGGCAGACCCAAAGGGGGCTTGGCTGATTATGAG
 GGAAGGATGTGGCCACCAGGGTCCGAGAGGCTGGCAGGAGAGGCTGGAGCTCCAAGAGGTGGCCAAG
 GAGACCCAGCTGTACCCGCTCAGCAACCTGCAGATCCCAGCACCCAGAGCGGCAGAGCAGCCCAGCGG
 ATCTGAGCAACTTGTTCAGACGAGAGAGTTGTGGCAGCAGCGTGTGACTGATTTTGAAGGGGAGGATGTG
 GCCACCAAGTTCGGAGAGGCTGGCAGGACAGGCTGGAGCCCCAAGAGGTGGCCAAGGAGACCCAGCTG
 TACCCACTCAGCAACCTGCAGATCCAGTACCCAGAACAGCAGAACAGCCCAGCGGATCTGAGCAATT
 CGTCAGACGAGAGAGCTGCACCAGCAGGGTGGAGGCCCTCGAGCTGCATGGTCACTGTTACTGCACT
 GCCACATCTGAGCAGCCTCACATTTATATCCAGCCCCGCAAGTGAATTGGACTCCAGCTCTACCACCA
 AAGGGATTCTCTCGTGAAGGAGTACGTGAATGCTAGTGAAGTGTCTTCTGGGAAGCCAGTATCTGCACG
 CTATAGCAACGTGAGCAGCATTGAGGACTATTGCCATGGAGAAGAAGCCTCCATGTGGCAGCACTCCA
 TACTCTGAGAGGACAACCTGGAGGATCTGTACTTACTGCAACCGTGAAGTCCGAGACTGTCAAAGATTA
 CCTAGAACATCTTGGTATCTGCTGCCATGAATATTGCTTTAAGTGTGGGATTTGAGTAACCGATGGG
 CGATCTCTGGATCAGATCTTACCTACCGTGACACCATTCACTGTGGGAAATGCTATGAGAAGCTCTTC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG230370 representing NM_001178110
 Red=Cloning site Green=Tags(s)

MSISALGGRTKGKPLPPGEEERNVLKQMKVRTTLKGDKSWITKQDESEGRTEIELPSGRSRATSFSSAGE
 VPKPRPPSTRAPTGYIIRGVFTKPIDSSSQPQQQFPKANGTPKSAASLVRTANAGPPRPSSSGYKMTTED
 YKKLAPYNIIRRSSTSGDTEEEEEVVPFSSDEQKRRSEAAAGVLRRTAPREHSYVLSAAKKSTGPTQET
 QAPFIAKRVEVVEEDGPSEKSDPPALARSTPGSNRSPGNKDKEAPCSRELQRDLAGEEAFRAPNTDAA
 RSSAQLSDGNVGSAGTGSRPEGLAAVDIGSERGSSSATSVSAVPADRKSNSTAAQEDAKADPKGALADYE
 GKDVATRVEAWQERPGAPRGGQDPVPAQQPADPSTPERQSSPSGSEQLVRRRESCGSSVLTDFEGKDV
 ATKVGEAWQDRPGAPRGGQDPVPTQQPADPSTPEQQNSPSGSEQVRRRESCTSRVRSPPSCMVTVTVT
 ATSEQPHIYIPAPASELDSSTTKGILFVKEYVNASEVSSGKPVSAARYSNVSSIEDSFAMEKKPPCGSTP
 YSERTTGGICTYCNREIRDCKITLEHLGICCHEYCFKCGICSKPMGDLDDQIFIHRDTIHCGKCYEKLK

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001178110

ORF Size: 1890 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_001178110.1](#), [NP_001171581.1](#)

RefSeq Size: 4167 bp

RefSeq ORF: 1893 bp

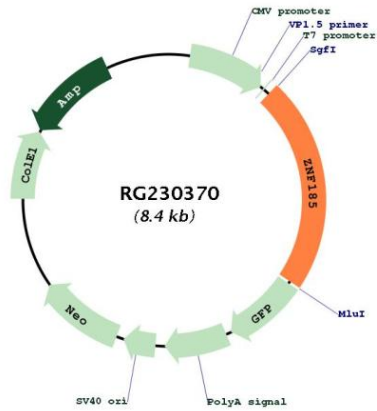
Locus ID: 7739

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 RG230370