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Product datasheet for RG229893

ZNF185 (NM_001178115) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF185 (NM_001178115) 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)

ORF Nucleotide Sequence:

>RG229893 representing NM_001178115
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCGCCCGGGACGAGCTCGGCCTCGGCGGGGATTCTCTTGAGGCCATGCCCGTGCCGGCCGCCAGAG
GTCGCCCGAGGATCACGAATGGGCCCGAGGAGCTGGCTGCCCCTTCCCCCGCGGCCTTGGCTGATTATGA
GGGGAAGGATGTGGCCACCAGGGTCGGAGAGGCCTGGCAGGAGAGGCCTGGAGCTCCAAGAGGTGGCCAA
GGAGACCCAGCTGTACCCGCTCAGCAACCTGCAGATCCCAGCACCCCAGAGCGGCAGAGCAGCCCCAGCG
GATCTGAGCAACTTGTCAGACGAGAGAGTTGTGGCAGCAGCGTGTTGACTGATTTTGAGGGGAAGGATGT
GGCCACCAAGGTCGGAGAGGCCTGGCAGGACAGGCCTGGAGCCCCAAGAGGTGGCCAAGGAGACCCAGCT
GTACCCACTCAGCAACCTGCAGATCCCAGTACCCCAGAACAGCAGAACAGCCCCAGCGGATCTGAGCAAT
TCGTCAGACGAGAGAGCTGCACCAGCAGGGTGAGGAGCCCCTCGAGCTGCATGGTCACTGTTACTGTCAC
TGCCACATCTGAGCAGCCTCACATTTATATTCCAGCCCCCGCAAGTGAATTGGACTCCAGCTCTACCACC
AAAGGGATTCTCTTCGTGAAGGAGTACGTGAATGCTAGTGAAGTGTCTTCTGGGAAGCCAGTATCTGCAC
GCTATAGCAACGTCAGCAGCATTGAGGACTCATTCGCCATGGAGAAGAAGCCTCCATGTGGCAGCACTCC
ATACTCTGAGAGGACAACTGGAGGGATCTGTACTTACTGCAACCGTGAGATCCGAGACTGTCCAAAGATT
ACCCTAGAACATCTTGGTATCTGCTGCCATGAATATTGCTTTAAGTGTGGGATTTGCAGTAAACCGATGG
GCGATCTCCTGGATCAGATCTTCATTCACCGTGACACCATTCACTGTGGGAAATGCTATGAGAAGCTCTT
C

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

View online »

Protein Sequence:

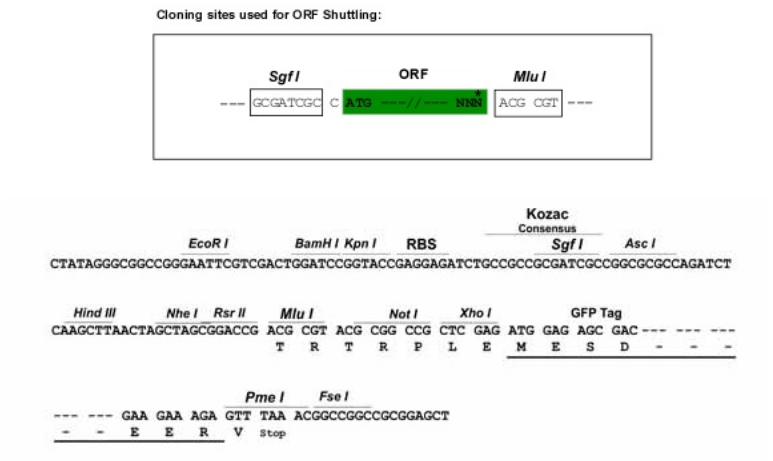
>RG229893 representing NM_001178115
Red=Cloning site Green=Tags(s)

MAARDELGLGGDSLEAMPVPAARGRPRITNGPEELAAPSPAALADYEGKDVATRVGEAWQERPGAPRGGQ
GDPAVPAQQPADPSTPERQSSPSGSEQLVRRESCGSSVLTDFEGKDVATKVGEAWQDRPGAPRGGQGDPA
VPTQQPADPSTPEQQNSPSGSEQFVRRESCTSRVRSPSSCMVTVTVTATSEQPHIYIPAPASELDSSSTT
KGILFVKEYVNASEVSSGKPVSARYSNVSSIEDSFAMEKKPPCGSTPYSERTTGGICTYCNREIRDCPKI
TLEHLGICCHEYCFKCGICSKPMGDLLDQIFIHRDTIHCGKCYEKLF

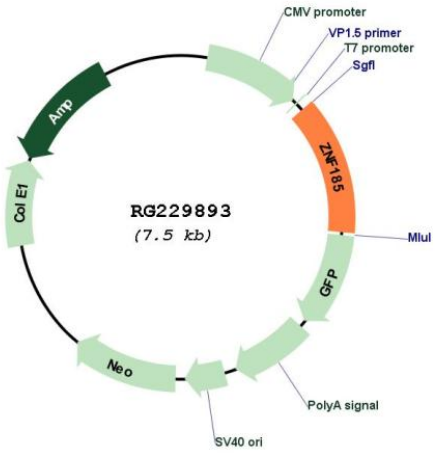
TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001178115

ORF Size: 981 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_001178115.1, NP_001171586.1
RefSeq Size:	3248 bp
RefSeq ORF:	984 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]