

Product datasheet for **RC239038**

ZNF285 (NM_001291488) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF285 (NM_001291488) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF285
Synonyms:	ZNF285A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC239038 representing NM_001291488
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATTAAGTTCAGATTCAAGGGATACATGTGCAGGAAAGGGTACATTCAAGGATGTGGCTGTTGTCT
 TCACCAAGGAAGAGCTGGCACTATTGGATAAAGCCAGATAAACCTGTACCAAGATGTGATGCTGGAAAA
 CTTCAGGAACCTCATGTTAGTGAGAGACGGGATTAATAACAACATTTTGAATCTTCAGGCAAGGGGTTA
 AGTTACCTTTTCGCAAGAAGTGCTTCATTGCTGGCAGATTTGAAACAAAGGATCCGGGATTTAACTGTGA
 GTCAGGATTATATCGTGAACCTCAAGAAGAGTGTCCCCACATTTAGAAGATGTTCCCTCAGTGAAGA
 GTGGGCAGGCATTTCTTCAGATTTCTGAAAATGAAAATATGTAGTAAATGCCATTATCAAAAATCAA
 GATATCACAGCATGGCAAAGCCTGACACAGGTTCTTACCCAGAATCGTGGAGGAAAGCCAAACATAATGA
 CCGAGCCCCAGAACTCTCAGGGAAGATAAAGGGAATTTACATGGAAGAGAAATGTACAGACGTGCTCA
 GCATGATGACAGCCTCAGTTGGACCTCATGTGATCATCATGAGTCCCAAGATGTAAGGAGAGGACCT
 GGTAGACATCCCAGCTGTGGGAAAAACTTGGGTATGAAATCAACGGTTGAAAAACGTAATGCGGCCCATG
 TATTACCACAGCCTTTCCCATGTAATAACTGTGGGGTGGCCTTTGCAGATGATACAGATCCTCATGTCCA
 TCACAGCACTCACCTAGGAGAAAAATCTTATAAATGTGACCAGTATGGAAAGAACTTTAGTCAGAGCCAA
 GATCTTATCGTTCATTGTAAAATCACTCTGGCAAGACTCCCTATGAATTCACGAATGGCTATGGGCT
 GCAAACAGAGCTCAGACCTTCCCAGATATCAGAAAGTCTCCTCAGGAGACAAACCCTACAATGTAAGA
 ATGTGGCAAGGGCTTCAGGCGCAGCTCTCCCTTACAACCATCATCGAGTCCACACAGGGGAGATGCC
 TACAAATGCGATGAATGTGGGAAAGGGTTGGATTTAGGTCACTCTTTGTATTCATCAGGAGATACACA
 CAGGGAAAAAGCCCTATAAATGTGAAGAGTGTGGGAAGGGCTTTGATCAGAGCTCAACCTTCTTGTTCCA
 TCAGAGAGTCCACACTGGAGAGAAGCCCTACAAATGCAAGTGTGGCAAGTGCTTTAGTTCAAGCTCC
 GTTCTTCAAGTCCACTGGAGTTTACACAGGGGAGAAACCATATAGGTGTGGTGTGAGTGTGAAAGGGCT
 TCAGCCATGTACACACCTTACATTACCAGAGAGTCCACACAGGGGAGAAACCATACAAATGCAATGT
 GTGTGAAAGGATTTTTCGTATAGCTCTGTTCTTCACTCATCAGAGAGTTCACACTGGAGAAAAACCA
 TATAAATGTGAAGTGTGTGAAAGTGTTCAGTTACAGTTCATATTTCACTTACATCAAAGAGATCACA
 TCAGAGAGAAACCATATAAATGTGATGAGTGTGGTAAAGGCTTCAGCCGGAATTCAGATCTTAATGTTCA
 CCTCAGAGTCCACACAGGAGAGAGGCCCTATAAGTGAAGGCATGTGGTAAAGGGCTTCAGTCGTAATTC
 TACCTCCTTGCCATCAGAGAGTGCATATAGATGAGACACAGTACACACTGTGAGCGTGGAAAGGACC
 TTCTGACTCATCAAAGACTACATGAGCAGAGAGAAACATTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239038 representing NM_001291488
 Red=Cloning site Green=Tags(s)

MIKFQIQIHHVQERVTFKDVAVVFTKEELALLDKAQINLYQDVMLNFRNMLVRDGIKNNILNLQAKGL
 SYLSQEVLHCWQIWKQIRDLTVSQDYIVNLQEECSPHLEDVSLSEEWAGISLQISENENYVNAIKNQ
 DITAWQSLTQVLTPESWRKANIMTEPQNSQGRYKGIYMEKLYRRAQHDDSLSWTSCDHESQECKGEDP
 GRHPSCGNLGMKSTVEKRNAHVLPQFPNCNCGVAFADDDPHVHSTHLGEKSYKCDQYGNFSQSQ
 DLIVHCKTHSGKTPYEFHEWPMGCKQSSDLPRYQKVSSGDKPYKCKEKGFRSSSLHNHHRVHTGEMP
 YKDECGKGFGRSLLCIHQGVHTGKPKYKCECGKGFQSSNLLVHQRVHTGEKPYKCECGKCFSSSS
 VLQVHWRVHTGEKPYRCGECGKGFSCQTHLHIHQRVHTGEKPYKCNVCGKDFAYSSVLHTRVHTGEK
 YKCEVCGKCFSSSYFHLHQRDHIREKPKYKCECGKGFSRNSDLNVHLRVHTGERPYKCKACGKGFSRNS
 YLLAHQRVHIDEQYTHCERKDLLTHQRLHEQRETL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

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:	<ol style="list-style-type: none">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_001291488.2
RefSeq Size:	2724 bp
RefSeq ORF:	1794 bp
Locus ID:	26974
UniProt ID:	Q96NJ3
Cytogenetics:	19q13.31
Protein Families:	Transcription Factors
MW:	69.4 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]