

Product datasheet for **RC222645**

ZNF498 (ZSCAN25) (NM_145115) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF498 (ZSCAN25) (NM_145115) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF498
Synonyms:	ZNF498
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC222645 representing NM_145115
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTAAAGAGCATCCAGAGATGGCGGAAGCTCCTCAGCAGCAGTTGGGTATTCCTGTGGTGAACCTGG
 AGAAAGAGTTGCCATGGGGCAGAGGAAGGGAGGACCCTAGTCCAGAGACTTTTCGGCTGAGGTTTCGGCA
 GTTCCGCTACCAGGAGGCAGCTGGACCCAGGAAGCTCTTAGGGAGCTCCAGGAGCTCTGTCGTCGGTGG
 CTGAGGCCCGAGTTGCACACCAAGGAGCAGATCCTGGAGCTGCTGGTGGTGGAGCAGTTCCTCACTATCC
 TGCCCCGCGAGTTCTACGCCTGGATCCGGGAGCATGGCCAGAGAGTGGCAAGGCCCTGGCCGCCATGGT
 GGAGGACCTGACAGAAAGAGCACTGGAGGCCAAGGCGTTCCATGCCACAGGCAGGGAGAGCAGGAGGAA
 ACAGCACTTTCAGAGGCGCTTGGGAGCCAGGCATCCAGCTGGGGCCAGTGGAGGTCAAGCCTGAATGGG
 GGATGCCCCCTGGGAAGGAGTCAAGTCCAGACCCAGGTACCGAGGAGCAGCTCAGTCAGGACCCTGG
 AGATGAGACACGGGCCTCCAGGAGCAAGCACTACCTGTTCTGCAGGCGGGTCTGGCCTCCCCGAGTG
 AATCCCAGAGACCAAGAGATGGCAGCTGGGTTCTTTACTGCTGGATCGCAGGGGTTGGGGCCATTTAAAG
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 CCTGAGTGTGGAAAGGATTCAAGTCCAGTCCCAATCTCGTCAGGCACCAGCGAACCACGAAGAGAAGT
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 CAGCAGGAATGCCAATCTGGCGGTGCACCGGCTGCCACACTGGCGAGAAGCCATATGGGTGCCAGGTG
 TGCGGGAAGCGGTTCAAGCAAGGGGAGCGGCTGGTCCGACACCAGAGAATCCATACAGGGGAGAAGCCCT
 ACCACTGTCTGCCTGCGGGCGAAGCTTCAACCAGAGTCCATCCTCAACCGGCACCAGAAGACCCAGCA
 CCGCCAGGAGCCGCTGGTGCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222645 representing NM_145115
 Red=Cloning site Green=Tags(s)

MLKEHPMAEAPQQQLGIPVVKLEKELPWGRGREDPSPETFRLRFRQFRYQEAAGPQEALRELQELCRRW
 LRPELHTKEQILELLVLEQFLTILPREFYAWIREHGPESGKALAAVMDLTERALEAKAVPCHRQGEQEE
 TALCRGAWEPGIQLGPVEVKPEWGMPPGEGVQGPDPGTEEQLSQDPGDETRAFQEALPVLQAGPGLPAV
 NPRDQEMAAGFFTAGSQGLGPFKDMALAFPEEWRHVTPAQIDCFGEYVEPQDCRVSPGGGSKEKEAKPP
 QEDLKGALVALTSERFGEASLQGPGLGRVCEQEPGGPAGSAPGLPPPQHGAIPLPDEVKTHSSFWKPFQC
 PECGKGF SRSSNLVRHQRTHEEKSYGCVCEGKGF TLREYLMKHQRTHLGRPYVCSECKWTF SQRHHLEV
 HQRSHTGEKPYKCGDCWKSFSRRQHLQVHRRHTGKPYTCECGKFSRANLAVHRRRAHTGKPYGCQV
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Chromatograms:

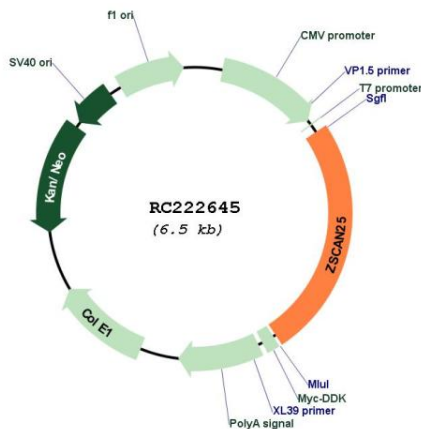
https://cdn.origene.com/chromatograms/mk8040_g09.zip

Restriction Sites:

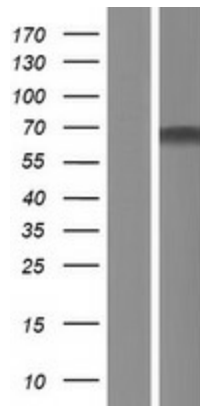
Sgfl-Mlul

Cytogenetics: 7q22.1
Domains: zf-C2H2
Protein Families: Transcription Factors
MW: 61.3 kDa
Gene Summary: This gene encodes a protein that bears some similarity to zinc finger proteins, which are involved in DNA binding and protein-protein interactions. Multiple alternatively spliced transcript variants have been identified, but the full-length nature for most of them has not been determined. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC222645



Western blot validation of overexpression lysate (Cat# [LY408021]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC222645 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).