



## ZNRF4

Expressed:

**HIS-MBP-ZNRF4**

Plasmid:

**pLou3-ZNRF4**

Parent Plasmid:

**pLOU3**

DU Number:

**DU23808**

Genbank:

**148066**

Species:

**Human**

Synonyms:

Sequence of Insert:

```
GGATCCATGCCGCTCTGCCGTCGGGAGCACTTAATGCCTAGAGCCAGCAGGGTCCCAGTGGCC
GCGTCACTGCCTCTGAGCCACGCGGTCATTCCAACCTCAACTGCCCTCGCGTCCTGGCCACAGGC
CCCCTGGGAGACCCCGGAGATGCCCAAAGGCCTCATGCCTGCCGCTCCAGTGGGACCTAGCA
GCACACAGACAGCGAAGCGGGTGACCATGGGGTGGCCACGGCCGGGCGGAGCCCTCGTGGCA
GTCAAAGCCTTGCTGGTCTTGTGCTGCTCCAGGTGCCCGCGCAGGCAGTGGTACGGGGCCGTG
CTGGAAGACAACCTCGAGCTCGGTGGACTTTGCGGATCTGCCGGCGCTGTTCCGGCTCCCCCTG
GCCCCGAGGGCATAAGGGGCTACCTGATGGAGGTCAAGCCAGCCAACGCGTGCCATCCCATC
GAGGCCCGCGACTGGGCAACCGCTCTCTGGGCGCCATCGTGCTGATCCGCGGCTACGACTGC
ACCTTCGACCTCAAGGTGCTGAACGCCAGCGCGCCGGCTTCGAGGCGGCCATCGTGACAAC
GTCCACTCCGACGACCTCGTGAGCATGACCCACGTCTACGAGGACTTGAGGGGCCAGATCGCC
ATCCCCTCAGTGTTTCGTGAGCGAGGCGCCTCGCAGGACCTGCGGGTTCATCTGGGCTGCAAC
AAGTCGGCCACGCGCTGCTCCTGCCGACGACCCACCGTGCCACGACCTGGGCTGTCACCCC
GTGCTGACCGTGTCTGGGTGCTGGGCTGTACCCTGGCCCTGGTCGTATCAGCCTTCTTTGCTCT
GAACCACCTGTGGCTCTGGGCCAGGCCTGCTGCAGCCACAGACGGCCGGTGAAGACGTCTAC
CTGCCAGAAGGCCAGGTCCGCACCTTCACGTGGCACAACGACCTGTGTGCCATCTGCCTGGAT
GAGTATGAGGAGGGCGACCAACTCAAGATCCTGCCCTGCTCCCACACCTACCACTGCAAATGC
ATTGACCCCTGGTTCTCCCAAGCCCCCGGCGCTCCTGCCCGTGTGCAAACAGTCGGTGGCCG
CCACAGAAGACAGCTTTGACTCCACCACCTACAGCTTCAGGGACGAGGACCCCTCCCTACCGG
GCCACCGGCCCCCATCTGGGCCATTCAAGTCCAGCTACGCTCCCGGAGGCTGGAGCTGCTGG
GCCGCGCCAGTCCCCTGCCACTGCAGCACCACGTCCCTGGAGGCAGAGTATAACCACTGTCT
CCTCAGCCCCTCCTGAGGCCCTGGTCAGTAAGCGGCCG
```

Amino Acid Sequence:

**MHHHHHMKIKTGARILALSALTTMMFSASALAKIEEGKLVWINGDKGYNGLAEVGGKFEKDTGIKV**

TVEHPDKLEEKFPQVAATGDGPDIIFWAHDRFGGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYNGK  
LIAYPIAVEALS LIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFTWPLIAADGGYAFKY  
ENGKYDIKDVGVNAGAKAGLTFLVDLIKNKHMNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTS  
KVNYGVTVLPTFKGQPSKPFVGVLSAGINAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALK  
SYEEELAKDPRIAATMENAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSN  
NNNNNNNNLGENLYFQGAMDHVEFGSMPLCRPEHLMPRASRVPVAASLPLSHAVIPTQLPSRPGHR  
PPGRPRRCPKASCLPPPVGPSSTQTAKRVTMGWPRPGRALVAVKALLVLSLLQVPAQAVVRVLED  
NSSSVDLADLPALFGVPLAPEGIRGYLMEVKPANACHPIEAPRLGNRSLGAVLIRRYDCTFDLKVLN  
AQRAGFEAAIVHNVHSDDLVSMTHVYEDLRGQIAIPSVFVSEAASQDLRVILGCNKS AHALLLPDDPP  
CHDLGCHPVLTVSWVLGCTLALVVS AFFVLNHLWLWAQACCSHRRPVKTSTCQKAQVRTFTWHND  
LCAICLDEYEEGDQLKILPCSHTYHCKCIDPWFSQAPRRSCPVCKQSVAAATEDSFDSTTYSFRDEDPS  
LPGHRPPIWAIQVQLRSRRELLGRASPHCHCSTTSLEAEYTTVSSAPPEAPGQ\*AA

Antibiotic:

**Amp**

Comments:

**silent mutations at nt a294g t948g**

Price per aliquot:

**£110.00**