



## 14-3-3 epsilon

Expressed:

**mCherry-14-3-3 epsilon/EGFP**

Plasmid:

**pIRES2-mCherry 14-3-3 epsilon/pEGFP**

Parent Plasmid:

**pIRES2 mCherry/C-GFP**

DU Number:

**DU31612**

Genbank:

**NM\_006761.4 GI:195546907**

Synonyms:

**YWHAE**

Sequence of Insert:

```
gaattctATGGATGATCGAGAGGATCTGGTGTACCAGGCGAAGCTGGCCGA
GCAGGCTGAGCGATACGACGAAATGGTGGAGTCAATGAAGAAAGTAGCAG
GGATGGATGTGGAGCTGACAGTTGAAGAAAGAAACCTCCTATCTGTTGCA
TATAAGAATGTGATTGGAGCTAGAAGAGCCTCCTGGAGAATAATCAGCAG
CATTGAACAGAAAGAAGAAAACAAGGGAGGAGAAGACAAGCTAAAAATGA
TTCGGGAATATCGGCAAATGGTTGAGACTGAGCTAAAGTTAATCTGTTGT
GACATTCTGGATGACTGGACAAACACCTCATTCCAGCAGCTAACACTGG
CGAGTCCAAGGTTTTCTATTATAAAATGAAAGGGGACTACCACAGGTATC
TGGCAGAATTTGCCACAGGAAACGACAGGAAGGAGGCTGCGGAGAACAGC
CTAGTGGCTTATAAAGCTGCTAGTGATATTGCAATGACAGAACTTCCACC
AACGCATCCTATTCGCTTAGGTCTTGCTCTCAATTTTTCCGTATTCTACT
ACGAAATTCTTAATTCCCCTGACCGTGCCTGCAGGTTGGCAAAGCAGCT
TTTGATGATGCAATTGCAGAACTGGATACGCTGAGTGAAGAAAGCTATAA
GGACTCTACACTTATCATGCAGTTGTTACGTGATAATCTGACACTATGGA
CTTCAGACATGCAGGGTGACGGTGAAGAGCAGAATAAAGAAGCGCTGCAG
GACGTGGAAGACGAAAATCAGTGAggatcc
```

Amino Acid Sequence:

**Amino acid sequence of mCherry-14-3-3 epsilon.**

```
MVSKGEEDNMAIIKEFMRFKVHMEGSVNGHEFEIEGEGEGRPYEGTQTAK
LKVTKGGPLPFAWDILSPQFMYGSKAYVKHPADIPDYLLKLSFPEGFKWER
VMNFEDGGVVTVTQDSSLQDGEFIYKVKLRGTNFPDGPVMQKKTMGWEA
SSERMYPEDGALKGEIKQRLKLDGGHYDAEVKTTYKAKKPVQLPGAYNV
NIKLDITSHNEDYTIVEQYERAEGRHSTGGMDELYKGSRAQASNSMDDRE
DLVYQAKLAEQAERYDEMVESMKKVAGMDVELTVEERNLLSVAYKNVIGA
RRASWRIISSIEQKEENKGGEDKLMIREYRQMVETELKLICCDILDVLD
KHLIPAANTGESKVFYKMKGDYHRYLAEFATGNDRKEAAENSLVAYKAA
```

**SDIAMTELPPTHPIRLGLALNFSVFYIEILNSPDRACRLAKAAFDDAIAE  
LDTLSEESYKDSTLIMQLLRDNLTLWTSDMQGDGEEQNKEALQDVEDENQ \* Amino acid sequence  
of GFP MVSKGEELFTGVVPILVELDGDVNGHKFSVSGEGEGDATYGKLTCLKFICT  
TGKLPVPWPTLVTTLTLYGVQCFSRYPDHMKQHDFFKSAMPEGYVQERTIF  
FKDDGNYKTRAEVKFEGDTLVNRIELKGIDFKEDGNILGHKLEYNNSHN  
VYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDNH  
YLSTQSALS KDPNEKRDHMLLEFVTAAGITLGMDELYK\***

Antibiotic:  
**Kan**

Price per aliquot:  
**£110.00**

