

## (chicken) CDKL5

Expressed:

**Chicken CDKL5 K42R TEV GST 6His**

Plasmid:

**pEX Chicken CDKL5 K42R TEV GST 6His**

Parental Plasmid:

**pEX C-TEV GST 6His**

DU Number:

**DU63877**

Genbank:

**Sequence provided by Michael Morgan.**

Species:

**Chicken**

Synonyms:

Sequence of Insert:

```
GGATCCGCCACCATGAAGATTCTAACATTGGTAATGTGATGAATAAATTTGAGATCCTTGGGGT
TG TAGGTGAAGGAGCCTATGGTGTGTTGACTTAAATGCAGACACAAGGAGACACATGAAATTGTG
GCTATCAGGAAATTC AAAGACAGTGAAGAAAATGAAGAAGTCAAAGAAACCACTTTACGAGAAC
TTAAAATGCTTCGCACTTTAAAACAGGAGAACATAGTGGAGCTGAAGGAAGCCTTCAGAAGAAG
AGGAAAATTATACTTAGTTTTTGAATATGTGGAAAAAATATGCTTGAATTGCTAGAAGAAATGC
CAAATGGAGTTCCACCAGAAAAAGTGAAAAGTTATATCTACCAGCTAATTAAGCAATTCATTGG
TGTCATAAGAATGATATCGTTCATAGAGATATCAAACCAGAGAATCTCTTAATAAGCCACAATGA
TGTCTGAAATTGTGTGACTTTGGCTTTGCCGTAATCTTTCTGAAGGAAGCAATGCTAACTATAC
AGAATATGTGGCTACCAGGTGGTACCGCTCACCCGAACTCTTGCTTGGAGCCCATATGGAAAG
GCTGTGGATATGTGGTCTGTGGGCTGTATTCTGGGTGAGCTGAGTGACGGACAGCCCTTGTTC
CAGGGGAGAGCGAGATTGACCAGCTTTTACCATTGAGAAGGTGCTAGGCCCACTGCCAGCTG
AGCAGATGAAGCTCTTCTACAGCAACCCACGCTTCCATGGACTGAGGTTTCCTGCAGTCAATCA
TCCACAATCTTTAGAGAGAAGATACTTGGGAATTTTAAAGTGGTGTGTTTGGCTTGATCTTATGAAGAA
CTTACTGAAGTTAGATCCAGCAGACAGATACTTGACAGAACAATGTTTGAACCATCCTTCATTTCC
AAACACAAAGACTCTTGGATCGCTGTGGAAGTTCACCTTCACGATCAGCTAAAAGAAAGCCTTA
CCACGTCGACAGCAACACATTATCTAACAGAAATCAAGCCAGCAAAAGTTCTGCTTTGCAGTCA
CACCACAGATCAAACAGCAAGGATATACAGACACTAGGGATTGGCGGGCCAAGAGAAGAGGGT
CTTCCAGCAAATGAAAGCTTTTTAAATGGAAACCTCTCTGGAGCTGCACATAGCCCAATGCAGG
CGAAGAAATCAAGCAACCAGCCTGGATCTGGCAATAAAGATCTAGCCAACAATAACATGCCACA
TCTTCTTAGTCCAAAGGAAACAAAGGCCAAAAACAGAATTTGATTTAATGTGGACCCAAAAAGTT
CTGATGGTCCAGGTACGAAGTACCTGAAGTCTAACACCAGATCTCAGCAGAACCAGGCACTCATT
TATGGAAACGTCTCAAAGCAAAACTGGGACGCTGCAGCCCGGCGATAAGCATAAGTCGCCACAG
CTATATTGATACCATTCCACAGTCTTCTAAGAGTCCTTCGTATCGGACAAAGTCAAAGAGCCATG
GGTTCTGACAGACTCAAATCCGTGGGCAACCTATCTGAGGCCAGGGCTCAAGCTGCAGAAC
```

CAAACAGCAGTCGCTATTTTCCATCCAGCTGTATGGACTTGAAGTCTCCTACCAGTCCGACCGCT  
CCCCGCCATAGCGATAACAGAAGCTTTGCTCAGCCCGTCTGGGAGGAATAACCGCAGCGAGGGT  
ACCCTGGACACCCGAAGACCTTCAACCAGACACTCCAAAACAATGGAGGAGTTAAACTGCCA  
GATCACATGGATGGAAGCCATTCCCCTCGCTCTCTGCTCCACACGAATCTTTTCTATGGCCT  
AGGTTATACCAGTCCTTTCTCTTACAGCAGCGCCCTCATAGACACTCTATGTATGTGAGCCGGG  
ACAGAGTGAGGTCAAAGGGCTCAGAGGGTGGCTTAAGCGTAGGGCAAGGGATGGCAGCCAGA  
GCAAACAGCCTGCAACTGTTATCTCCACAGGTGCAGCATAAGTCACTCACAAGGTCTGTTGGCT  
CTTACAGAGAAGACTGTACAGAAGATACTAATAGGGGTGGAGCATATCATGATCCACACACAGA  
AGATGGAGCATCTACTAAGGAAAATAGAATTCTGTATAATGAAGCTGTTCCAAGAAGAGTTGGC  
AGTTTTTACAGAGTTCCATCTCCGCGTCCAGACAGCACATACATAGAAAACAATGTGTCAAACA  
GAGCCTCTGTACTACCAGCAGACAGCAGCACGGTGGCAAACCACTCAAAGAGACAAACCACCT  
TTGATACCTGGAAAAGTCTGAAAATCTTAACAGTCACTCTGAGCAGCTTAAGGAGAAAGAAA  
GCAAGGTTTTTTCAGGGCAATAAAGAAGAAAAAGAAGAAATCTCAAACCATGCCTGGCACTGAT  
GGTCAGGATCTCCTGGCGTTACAGAAAGCCATTCACTTTCTAATCACCAGAGCAGCAGGCAGA  
AGGATTGGCATCCTGAGAAGATGACAGAAATCCAGCCTCATAGCCAGCCATTAAATCTCTGCG  
AAAGCTATTACACCTCTCTTCAAATCATCCCATCCCTGCTGAGCCTCGCTTCCAACCTTACCAA  
GTCAGCCGGCCAAACCTGCTTTTTCTGAAGTGCGAATCACCCCATGAGTCAAAGCTCCAGCAG  
CGGCAGCAGCAACGCACGGCAGGAGCCGCAGCCAAAGAGCCGGCCGACGCTGCAGATCCCGA  
GCCAGCTGGAGCCACCTGGCACGTCTCCCCCGTCAACAGGAGCGCCAGCGATGGGCCCCCT  
ACTCCGAGCAGCCACCTTCAAAGAGTGGACAGAACGGGCACACGTATAACCGAACAAACCGGT  
CACGAATGCCAAATCTGAATGATCTAAAAGAGACGGCCTTGGCGGCCGC

Amino Acid Sequence:

MKIPNIGNVMNKFEILGVVGEYGVVLKCRHKETHEIVAIAIKKFKDSEENEEVKETTLRELKMLRTLKQ  
ENIVELKEAFRRRGKLYLVFEYVEKNMLELL EEMPNGVPPEKVKSYIYQLIKAIHWCHKNDIVHRDIKP  
ENLLISHNDVLKLCDFGFARNLSEGSNANYTEYVATRWYRSPPELLLGAPYGKAVIDMWSVGCILGEL  
SDGQPLFPGESEIDQLFTIQKVLGPLPAEQMKLFYSNPRFHGLRFPVAVNHPQSLERRYLGLSGVLLD  
LMKNLLKLDPADRYL TEQCLNHP SFQTQ RLLDRCGSSPSRSKRKPYHVDSNTLSNRNQASKSSAL  
QSHRSNSKDIQTLGIGGPREEGLPANESFLNGLSGAAHSPMHAHKSSNQPGSGNKDLANN NMP  
HLLSPKETKAKTEFDNFVDPKSSDGPGTKYLKSNTRSQQNRHSFMETSQSKTGTLQPGDKHSRHSYI  
DTIPQSSKSPSYRTKSKSHGVLTDKSVGN LSEARAQAAEPNSSRYFPSSCMDLNSPTSPTAPRHS  
DNRTLLSPSGRNNRSEGLDTRRPSTRHSKTMEELKLPDHMDGSHSHLSAPHESFSYGLGYTS PF  
SSQQRPHRHSMYVSRDRVRSKGSEGLSVGQGMAARANSLQLLSPQVQHKS LTRSVGSSREDCTE  
DTNRGGAYHDPHTEDGASTKENRILYNEAVPRR VGSFYRVSPRPDSTYIENNVSNRASVLPADSST  
VANHSKRQTTFTWKSPENLNHSEQLKEKEKQGGFFRAIKKKKKKSQTMPGTDGQDLLALQKAIHS  
SNHQSSRQKDWHPKMEIQPHSQPLKSLRKLHLSSNHPIAEPFQPLPSQPAKPAFSEVRIHPM  
SQSSSSGSSNARQEPQPKSRPTLQIPSQLEPTW HVSPVNRASDGPYSEQPPSKSGQNGHTYNR  
TNRSRMPNLNDLKETALAAAENLYFQGMSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDK  
W RNKKFELGLEFPNLPYYIDGDVCLTQSMAIIRYIADKHNMLGGCPKERAISMLEGAVLDIRYGVSR  
I AYSKDFETLKVDFLSKLPEMLKMFEDRLCHKT YLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPK  
LVCFFKKR IEAIPQIDKYLKSSKYIAWPLQGWQATFGGGDHPKSDHHHHH\*

Selection:

**Amp**

Price per aliquot:

**£110.00**