Table S1

|  |  |
| --- | --- |
| Information | Cbs2 cloning |
| Source organism | *Saccharomyces cerevisiae* (strain ATCC 204508) |
| DNA source | CAA31876 |
| Forward primer | 5’ GAAATTCATATGTCAAGCTCAATACCTAG3’ |
| Reverse primer | 5’ GAAATTCTCGAGTCACAGGTAATGATAATCTAG3’ |
| Cloning vector | p28 (a modification of PET-28a, with a hexahistidine tag MGHHHHHH at the N-terminus) |
| Plasmid host | *E. coli* DH5α competent cell |
| Expression host | *E. coli* C43 competent cell |
| Complete amino acid sequence | MGHHHHHHMGSMSSSIPRVYSLGNSAMTYLLALRIAQLPSQPKVPSVVLLLNDQKKLNRFLNNDSKIIVKSSNNNKETYHRQFMASCVPPILSNGEIAPIENLIVSDPSSKFITAQLSKYNKSLRPETNILFLNPSLNLLEHLHRYRWRFDEARPNLFMGFTTPVDVGTIHQEFQLSLKVKGRIQFHIAKIDGFPRMSSTGKSASLSLRGDRQKNEKENNAFYKLFREISRLRSGIGSDLVSFDLHVHGFQDLFFTELEKLILESCTEPLLAVYDCVYKKELLKIPGAQDIIKKLISEQLSIIDRSYPSLNTNPNYSVIFDKERIFSLVMRDLEVNGHKRAKLAQSLNQLNQTNINELNGFFVSLGKYKKC NCKWNDILLTLIKGKQFITKQKALDYHYL |