**Photosynthese**

**pET21-nQ-PS-NH**

MW = 39945 dalton

A280 = 83520 /M/cm

MASMTGGQQMGRDPSRSALPSNWKSVLPANWRDTDILAAFREVTLGFVDL 50

MRFLFVAEAIYKLTYYTPDYVVRAYVSNESAIRLVAFDNQKYWTMWKAFP 100

DAYVRVPLILGIWGGKIGQQLVNARSLVDEQENVKLGADSGALEFVPKDD 150

YLNAPGETYSVKTPLANLVYWKALYGFDFLLSSKTNFGIGHRLSIFETGI 200

KTAPAFVDLDTRIPAGPDLIVKNILVVGPVPGKIVAITALSEKYPIYFGG 250

NRVLNTWADIINREWELSFRNTWADIINRLIFQYASFNNSRTALPADWRL 300

VFPEEVLPRNILLNEGIRTWFDDADDWLRAAHHHHHHHKLAAALEHHHHH 350

H\*

cArbon reactions

**Q-ProtCBB2**

MW = 47921 dalton

A280 = 37400 /M/cm

MASMTGGQQMGRDPAGAKLGGNEQVTRADLNVPLDKTFNDALADAKLSEL 50

LGKPVTKAVSLVLPSLKVLITAPAKALQNTVLKVMFEGILLKSVVSIPHG 100

PSIIAARVPLFIGSKTLLYGGIYGYPGDAKIYSFNEGNYGLWDDSVKLTN 150

ITGRLLFEALKFLAIDAINKVSTLIGYGSPNKNPDFFNRFIESQVAKGVN 200

PWIEVDGGVTPENAYKSDIIVSPSILSADFSRIYLDISDDIKVAELLDFK 250

GHSLESIKSLFGESNEVVAKLVDELNAGTIPRLANLPEVKLQNIVGVPTS 300

IRTQLSQDELKSGQPAVDLNKASGQPAVDLNKAEAALLVRSNSTPLGSRG 350

ILASDESNATTGKALQSSTLKVSAADVARALQASVLKVTEAAALASGRNL 400

ALELVRSAEGLDASASLRAAWSHHHHHHHKAWASWASKLAAALEHHHHHH 450