



ABSTRACT

Exo 1,4-β cellobiohydrolase gene (2.5kb) of “*Anaerocellum thermophilum*” was amplified by polymerase chain reaction (PCR). By using pET-21a(+) cloning vector, amplified gene was cloned and expressed in “*Escherichia coli* BL21 Codon Plus” expression host. SDS-PAGE was done to determine the molecular mass of recombinant enzyme which was found to be 91 kDa. Specific activity was found to be 0.048 U/ mg. Maximum activity was shown by this recombinant enzyme at pH 6.