

Table 1 Physical and chemical properties of the gene encoding protein *BnACO2* in ramie

Primary structural properties of proteins	Prediction
Molecular weight (kD)	36.145
Theoretical pI	5.60
(Asp+Glu) negatively charged residues	47
(Arg+Lys) positively charged residues	39
Instability index	30.82
half-life (h)	>10 hours (Escherichia coli, in vivo).
Aliphatic index	80.35
Grand average of hydropathicity (GRAVY)	-0.445