

Enzyme Data

BCC-Nr.	023
Enzyme	Protease (Serine-Protease)
EC-No.	3.4.21.x
T_{opt}	60°C
pH_{opt}	8.0 (recommended 6.0 - 10.0)
Stability	t_{1/2} (60°C) : 2 h no loss of activity at 40°C (>48 h)
Activity and substrate specificity	- Casein 0.52 U/mg (=100%)
Additives	- inhibitors: Antipain, PMSF, Chymostatin (5 mM), - not influenced by metal ions (Zn, Fe, Co, Ni, Mg, Cu, Cr, Ag, Ca) - stable in various solvents and detergents