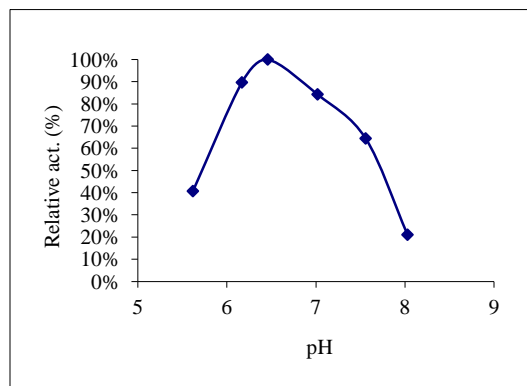




ThermoActive™ Fucosidase – Fuc123

pH optimum



Product information

Available as freeze dried crude extract.

Activity: 5,5 U/mg. Store at 4°C.

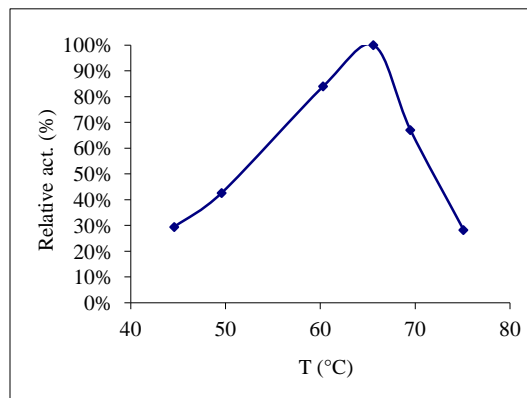
Enzyme activity

The enzyme cleaves the α glucan from various α - fucosylated oligosaccharides including hydrolysis of α -l-fucose from algal fucosidan (*Ascophyllum nodosum*).

Assay

Reaction assay is mixing 10 μ L enzyme sample to 80 μ L of 125mM phosphate buffer at pH 6,5 with 20 μ L PNP- α -fucopyranoside, incubated at 65°C. Reaction is stopped with 200 μ L 0,5M sodium borat and OD measured at 405 nm.

Temperature optimum



Unit definition

One unit of activity is defined as the amount of enzyme, which liberates 1 μ mol of p-nitrophenol per minute under the given assay conditions.

Limited usage statement on www.prokazyme.com