

α -FUCOSIDASE (*Thermotoga maritima*)

07/23

Recombinant

E-FUCTM

EC: 3.2.1.51

Synonyms: alpha-L-fucosidase; alpha-L-fucoside fucohydrolase

CAZy Family: GH29

CAS: 9037-65-4

Refer to the product lot number Certificate of Analysis for lot specific properties.

PROPERTIES

1. ELECTROPHORETIC PURITY:

- Single band on SDS-gel electrophoresis (MW ~ 54,351)
- One major band on isoelectric focusing (pI ~ 6.1)

2. PHYSICOCHEMICAL PROPERTIES:

- | | |
|------------------------|---------------------------------------|
| pH Optima: | 5.0 (at 60°C) |
| pH Stability: | 4.0-6.0 (20 h at 4°C) |
| Temperature Optima: | 95°C |
| Temperature Stability: | stable up to 100°C (15 min at pH 5.0) |

3. STORAGE CONDITIONS:

The enzyme is supplied as an ammonium sulphate suspension in 0.02% (w/v) sodium azide and should be stored at 4°C. **Swirl to mix the enzyme immediately prior to use.**