

α -RHAMNOSIDASE (prokaryote)

08/23

Recombinant

E-RHAMS

EC: 3.2.1.40

Synonyms: alpha-L-rhamnosidase; alpha-L-rhamnoside rhamnohydrolase

CAZy Family: GH78

CAS: 37288-35-0

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

PROPERTIES

1. ELECTROPHORETIC PURITY:

- Single band on SDS-gel electrophoresis (MW ~ 75,400)
- One major bands on isoelectric focusing (pI ~ 5.9)

2. PHYSICOCHEMICAL PROPERTIES:

- | | |
|------------------------|--|
| pH Optima: | 6.0-6.5 |
| pH Stability: | 4.0-9.0 (> 75% control activity after 24 h at 4°C) |
| Temperature Optima: | 50°C (10 min. reaction) |
| Temperature Stability: | up to 50°C (> 90% control activity after 15 min.) |

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. For assay, this enzyme should be diluted in sodium phosphate buffer (20 mM), pH 6.5 containing 1 mg/mL BSA. **Swirl to mix the enzyme immediately prior to use.**