

Recombinant α -L-rhamnosidase

Product information

| Product No. | Size | Activity |
|--------------|-------------|----------------|
| YJ-O-312-100 | 100 μ g | \geq 3.0U/mg |
| YJ-O-312-200 | 200 μ g | \geq 3.0U/mg |
| YJ-O-312-500 | 500 μ g | \geq 3.0U/mg |

Product description

Recombinant α -L-rhamnosidase is derived from thermophilic bacteria and expressed in a yeast system. It can specifically hydrolyze non-reducing L-rhamnose linked by α -1,2 and α -1,6 glycosidic bonds. The enzyme is thermostable, with an optimal reaction temperature of 70°C, and remains active within a pH range of 5.0 to 8.5.

- Unit definition: One unit (U) is defined as the amount of enzyme that releases 1.0 μ mol of p-nitrophenyl groups per minute from p-nitrophenyl-L-rhamnopyranoside at 37°C.
- Storage solution: 20 mM NaH₂PO₄, 50 mM NaCl, pH=7.4

Product components

| Components | Size1 | Size2 | Size3 |
|--------------------------------------|-------------|-------------|-------------|
| Recombinant α -L-rhamnosidase | 100 μ g | 200 μ g | 500 μ g |

Transportation and storage

- Storage: This product should be stored at -20°C and can be stored for at least 12 months.
- Transportation: Dry ice.

Product application

- Derhamnosylation of glycosides.

Precaution

- Try to avoid freeze-thaw cycles of this product after receipt;
- Please wear lab coat and disposable gloves when using;
- This product should not be used directly for clinical diagnosis and treatment.