Proteinase K

Cat. No. : RM20713

Product components

Components	Component number	Size-1 10 RXN(100 μL/RXN)	Size-2 24 RXN(100 μL/RXN)
Proteinase K (20 mg/mL)	RM20713	10 μL	24 μL

Product Description

Protease K (E.C.3.21.64) is a serine protease produced by *Tritirachim Album Limber*. This product has wide applicability and can maintain high reactivity under conditions of 20 ℃ -60 ℃ and pH=7.6-12.0. When reaction solution contains 2% SDS and 4 M urea,reaction activity of protease K will increase. Calcium ions are important for the thermal stability of protease K, but they won't affect enzyme catalytic activity. Therefore, protease K can maintain activity in a buffer containing chelating agents such as EDTA.

Concentration

20 mg/mL

Source

The protease K gene , derived from *Tritirachim Album Limber* gene , is expressed and purified in *Pichia pastoris.*

Store

2-8℃ for 18 months, -20℃for three years

Transportation

Dry ice , or dry ice combined with ice packs for Long-distance transportation. Do not use ice packs for long-distance transportation.

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