

Proteinase K, recombinant protein
Endopeptidase K, Tritirachium alkaline proteinase
Catalog # PBV11426r

Specification

Proteinase K, recombinant protein - Product info

Primary Accession [P06873](#)
Calculated MW **28.9 kDa KDa**

Proteinase K, recombinant protein - Additional Info

Gene ID **5621**
Gene Symbol **PROK**
Other Names
Protease K, Endopeptidase K, Tritirachium alkaline proteinase

Source **Tritirachium album**
Assay&Purity **SDS-PAGE; ≥90%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Application Notes
In 50 mM Tris-HCl, 2 mM Calcium acetate, pH 8.0.

Format
Lyophilized

Storage
-20°C; Lyophilized with no additives

Proteinase K, recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Proteinase K, recombinant protein - Images

Proteinase K, recombinant protein - Background

A serine protease that displays the ability to digest native proteins, thereby inactivating enzymes such as DNase and RNase without recourse to a denaturation process. It retains its activity in presence of SDS and urea. It is inactivated by diisopropyl fluorophosphates (DFP) and phenyl

methane sulfonyl fluoride (PMSF).

Proteinase K, recombinant protein - References

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Jany K.-D.,et al.Biol. Chem. Hoppe-Seyler 367:87-87(1986).
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Paehler A.,et al.EMBO J. 3:1311-1314(1984).