

Proteinase K Liquid (40 mg/mL)

Catlog Number: IEC-HMM-0036

• Basic Information

Form: White or off-white powder

Specific Activity: ≥ 1800 U/mL

Source: Expression of the proteinase K gene of genetically engineered *Candida albicans* (*Engyodontium album*) in *Pichia pastoris*.

MV: 29.3 kDa

Purity: $\geq 95\%$

PI: 8.9

Buffer: 20 mM Tris-HCl (pH 7.4), 1 mM CaCl₂, 50% glycerol

pH: 4.0-12.0

Temp: 0-75°C



• Applications

Used in gene diagnostic kits, genomic DNA extraction kits, and RNA extraction kits to remove nucleases and other protein contaminants.

• Storage & Transportation

Can be stored for one year at 4°C or two years at -20°C.

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Tel: 1-631-637-4453 | 1-646-401-0077
Email: info@altadiagnotech.com
500C Wheeler Rd, Hauppauge, NY 11788, USA