

Proteinase K Recombinant Protein

Product Details	
Size	1 g
Species	Fungi
Expression system	P. pastoris
Amino acid sequence	Full length Proteinase K protein
Class	Recombinant
Type	Protein
Purity	>95% by SDS-Page
Activity	Measured by its digestion activity. The activity is >30 U/mg. One unit will digest Casein at 37°C (pH 7.5) per minute to produce equal absorbance as 1.0 µmol of L-tyrosine.
Conjugate	Unconjugated
Form	Lyophilized
Purification	purified
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Applications	Tested Dilution	Publications
Control (Ctrl)	Assay-dependent	-

Product Specific Information

Animal Origin Free

No DNase contamination detected by digestion of lambda DNA at 37°C for 6 hours. No RNases contamination detected by digestion of lambda DNA at 25°C for 16 hours. Host genomic DNA/RNA is no residual detected by PCR.

Storage: Store the lyophilized protein at 4°C for up to 1 year and less than -20°C for long term. Lyophilized powder is recommended to dissolve in in 20mM Tris-HCl, 30mM NaCl, 50% Glycerol, 5mM CaCl₂, pH 7.2-7.4. After reconstitution, the protein solution is stable at -20°C for 1 year, at 2-8°C for up to 6 months.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.