



PRODUCT DATA SHEET

Product: Granzyme K (human recombinant)

Cat. No.: BC-127 (10 µg)

Origin:

Active human granzyme K expressed in *E. coli*

Molecular Weight:

~26 kDa

Format:

Liquid. Recombinant protein in PBS containing 10% sucrose and ~0.5M sodium chloride. Does not contain any preservatives. Concentration: 0.314 mg/mL. ≥98% purity as determined by SDS-PAGE.

EC:

3.4.21.-

Specific Activity:

64.2 U/µg protein (varies from lot to lot). One unit hydrolyzes 1 nmole Z-Lys-SBzl per minute at 25°C in 0.05 M TRIS, pH 8.0, containing 0.15 M NaCl, 0.01% Triton X-100, 0.3 mM DTNB.

Storage and Stability:

Store at -80°C. Stable for at least 6 months when stored at -80°C. After opening, it is recommended to prepare appropriate aliquots and to store them at -80°C. Dilute solutions (e.g 1-1,000 ng/mL) should be used within 24 hours.

Handling:

For maximum product recovery after thawing, centrifuge the vial before opening the cap. After opening, prepare aliquots and store at -80°C. Avoid freeze/thaw cycles.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.