Active Recombinant Granzyme A Enzyme

Cat. No. Granzyme A-49 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active human granzyme A expressed in E. coli
Source	E.coli
Form	Liquid. Recombinant protein in 0.05 M MES, pH 6.0, containing ~0.52 M NaCl and 10% glycerol. Does not contain any preservatives. Concentration: 0.2 mg/mL.
Bio-activity	114 U/μg protein.
Molecular Mass	~52 kDa (homodimer)
Unit Definition	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.
Usage	For in vitro research use only. Not for use in diagnostics or in humans.
Storage	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. Do not dilute to more than 0.2 mg/mL. Dilute solutions (e.g 1-1,000 ng/mL) should be used within 24 hours.
Warning	No warranties, expressed or implied, are made regarding the use of this product. Creative Biomart is not liable for any damage, personal injury, or economic loss caused by this product. For maximum product recovery after thawing, centrifuge the vial before opening the cap. After opening, prepare aliquots and store at -80°C. Avoid

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	freeze/thaw cycles.

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