

Mouse Cathepsin B protein, His tag (active)

Cat. No. GTX66939-pro

Applications Functional Assay

Species Mouse

Package

10 µg

Applications

Application Note

Specific activity is > 2000 pmol/min/µg and is defined as the amount of enzyme that hydrolyze 1pmole of Z-Arg-Arg-AMC to Z-Arg-Arg and AMC per minute at pH 6.0 at 37°C.

Observed MW (kDa) 28-40 kDa.

Properties

Form Liquid

Buffer PBS, 10% Glycerol

Preservative No preservatives

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Concentration 0.5 mg/ml (Please refer to the vial label for the specific concentration.)

Region/Sequence C-terminal His-Tag; Length: 330 a.a. Sequence: HDKPSFHPLS DDLINYINKQ NTTWQAGRNF YNVDISYLKK LCGTVLGGPK LPGRVAFGED IDLPETFDAR EQWSNCP TIG QIRDQGSCGS CWAFGAVEAI SDRTCIHTNG RVNVEVSAED LLTCCGIQCG DGCNNGGYPSG AWSFWTKKGL VSGGVYN SHV GCLPYTIPPC EHHVNGSRPP CTGEGDTPRC NKSCEAGYSP SYKEDKHFGY TSYSVSNSVK EIMAEIYKNG PVEGAFTVFS DFLTYKSGVY KHEAGDMMGG HAIRILGWGV ENGVPYWLAA NSWNLDWGDN GFFKILRGEN HCGIESEIVA GIPRTDQYWG RFLEHHHHHH

Expression System Baculovirus

Purity > 90% by SDS-PAGE.

Endotoxin < 1.0 EU/µg (determined by LAL method)

Conjugation Unconjugated

Note For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES

**GTX66939-pro Image**

3 μ g of GTX66939-pro Mouse Cathepsin B protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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