

Mouse Cathepsin D protein, His tag (active)

Cat. No. GTx66940-pro

Applications	Functional Assay	Package
Species	Mouse	5 µg

Applications

Application Note

Specific activity is > 1000 pmol/min/µg in which one unit will convert 1.0 pmole of Mca-PLGL-Dpa-AR-NH2 to MCA- Pro-Leu-OH per minute at pH 3.5 at 25°C.

Observed MW (kDa) 40-57 kDa.

Properties

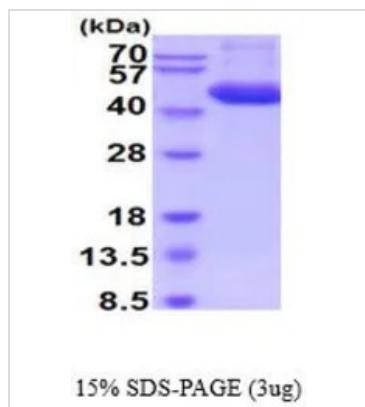
Form	Liquid
Buffer	PBS, 10% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.25 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	C-terminal His-Tag; Length: 398 a.a. Sequence: IIRIPLRKFT SIRRTMTEVG GSVEDLILKG PITKYSMQSS PKTTEPVSEL LKNYLDQYY GDIGIGTPPQ CFTVVFDTGS SNLWVPSIHC KILDIAACWVH HKYNNSDKSST YVKNGTSFDI HYGSGSLSGY LSQDQTVSPC KSDQSKARGI KVEKQIFGEA TKQPGIVFVA AKFDGILGMG YPHISVNNVL PVFDNLMQQK LVDKNIFSFY LNRDPEGQPG GELMLGGTDS KYYHGELSYL NVTRKAYWQV HMDQLEVGNE LTLCGGCEA IVDTGTSLLV GPVEEVKELQ KAIGAVPLIQ GEYMPCEKV SSLPTVYLKL GGKNYELHPD KYILKVSQGG KTICLSGFMG MDIPPPSGPL WILGDVFIGS YYTVFDRDNN RVGFANAWVL LEHHHHHH
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

**GTX66940-pro Image**

3 µg of GTX66940-pro Mouse Cathepsin D protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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