

# Product Datasheet

## Recombinant Mouse Cathepsin B His Protein NBP2-53084-10ug

Unit Size: 10 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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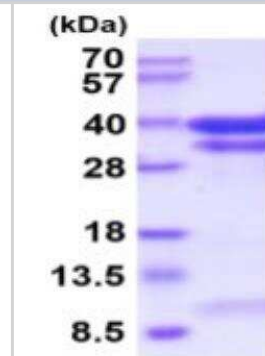
**NBP2-53084-10ug****Recombinant Mouse Cathepsin B His Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>90%, by SDS-PAGE
<b>Buffer</b>	PBS (pH 7.4), 10% glycerol
<b>Target Molecular Weight</b>	36.4 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 18-339 of Mouse Cathepsin B</p> <p><b>Source:</b> <i>Baculovirus</i></p> <p><b>Amino Acid Sequence:</b> HDKPSFHPLS DDLINYINKQ NTTWQAGRNF YNVDISYLKK LCGTVLGGPK LPGRVAFGED IDLPETFDAR EQWSNCPTIG QIRDQSGSGS CWAFGAVEAI SDRTCIHTNG RVNVEVSAED LLTCCGIQCG DGCNGGYPSG AWSFWTKKGL VSGGVYNHSHV GCLPYTIPPC EHHVNGSRPP CTGEGDTPRC NKSCEAGYSP SYKEDKHFGY TSYSVSNVSK EIMAEIYKNG PVEGAFTVFS DFLTYKSGVY KHEAGDMMGG HAIRILGWGV ENGVPIYWLAA NSWNLDWGDN GFFKILRGEN HCGIESEIVA GIPRTDQYWG RFLEHHHHHH</p>
<b>Gene ID</b>	1508
<b>Gene Symbol</b>	CTSB
<b>Species</b>	Mouse
<b>Details of Functionality</b>	Specific activity is > 2,000 pmol/min/ug 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 37C.
<b>Endotoxin Note</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)
<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page, Enzyme Activity
<b>Recommended Dilutions</b>	SDS-Page, Enzyme Activity



## Images

SDS-Page: Recombinant Mouse Cathepsin B Protein [NBP2-53084]



15% SDS-PAGE (3ug)

## Publications

Amin TU INCORPORATING GLUTAMIC ACID-VALINE-CITRULLINE LINKER IN TRIFUNCTIONAL MOLECULES TARGETING PSMA ENSURES ENHANCED STABILITY, SAFETY, AND EFFICACY IN MOUSE MODEL OF PROSTATE CANCER Thesis 2022-01-01 (BA)



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