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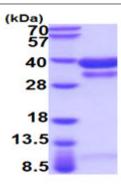
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AR52035PU-N Mouse Cathepsin B (18-339, His-tag) - Purified

Alternate names:	APP secretase, APPS, CPSB, CTSB, Cathepsin B1
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by absorbance at 280nm)
Background:	CTSB, also known as cathepsin B preproprotein, is a papain-family cysteine protease that is normally located in lysosomes. It has the ability to degrade several extracellular matrix components at both neutral and acidic pH and has been implicated in the progression of several human and rodent tumors progression and arthritis. Recombint mouse CTSB, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventiol chromatography techniques.
Uniprot ID:	<u>P10605</u>
NCBI:	<u>NP_031824</u>
Species:	Mouse
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol. Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)
Description:	AA Sequence: HDKPSFHPLS DDLINYINKQ NTTWQAGRNF YNVDISYLKK LCGTVLGGPK LPGRVAFGED IDLPETFDAR EQWSNCPTIG QIRDQGSCGS CWAFGAVEAI SDRTCIHTNG RVNVEVSAED LLTCCGIQCG DGCNGGYPSG AWSFWTKKGL VSGGVYNSHV GCLPYTIPPC EHHVNGSRPP CTGEGDTPRC NKSCEAGYSP SYKEDKHFGY TSYSVSNSVK EIMAEIYKNG PVEGAFTVFS DFLTYKSGVY KHEAGDMMGG HAIRILGWGV ENGVPYWLAA NSWNLDWGDN GFFKILRGEN HCGIESEIVA GIPRTDQYWG RFLEHHHHHH Molecular weight: 36.4 kDa (330aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Podgorski I., et al. (2003) Biochem Soc Symp. 70:263-276. Roshy S., et al. (2003) Cancer Metastasis Rev. 22:271-286.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request. **Pictures:**



15% SDS-PAGE (3ug)

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