

## PRODUCT SPECIFICATION

Product Name         PrEST Antigen CTSB           Product Number         APrEST94693           Gene Description         cathepsin B           Corresponding Antibodies         Anti-CTSB (HPA048998)           Description         Recombinant protein fragment of Human CTSB           Amino Acid Sequence         Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence: SIPPCEHHVNGSRPPCTGEGDTPKCSKICEPGYSPTYKQDKHYGYNSYSV SNSEKDIMAEIYKNGPVEGAFSVYSDFLLYKSGVYQHVTGEMMGGHAIRI LGWGVENGTPYWLVANSWNTDWGD           Fusion Tag         N-terminal His <sub>6</sub> ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)           Expression Host         E. coli           Purification         IMAC chromatography           Predicted MW         31 kDa including tags           Usage         Suitable as control in WB and preadsorption assays using indicated corresponding antibodies.           Purity         >80% by SDS-PAGE and Coomassie blue staining           Buffer         PBS and 1M Urea, pH 7.4.           Unit Size         100 μl           Concentration         Lot dependent           Storage         Upon delivery store at -20°C. Avoid repeated freeze/thaw cycles.		
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Corresponding Anti-CTSB (HPA048998)  Antibodies  Description  Recombinant protein fragment of Human CTSB  Amino Acid Sequence  Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence:	Product Number	APrEST94693
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Purification       IMAC chromatography         Predicted MW       31 kDa including tags         Usage       Suitable as control in WB and preadsorption assays using indicated corresponding antibodies.         Purity       >80% by SDS-PAGE and Coomassie blue staining         Buffer       PBS and 1M Urea, pH 7.4.         Unit Size       100 μl         Concentration       Lot dependent         Storage       Upon delivery store at -20°C. Avoid repeated freeze/thaw cycles.	Fusion Tag	· ·
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antibodies.  Purity >80% by SDS-PAGE and Coomassie blue staining  Buffer PBS and 1M Urea, pH 7.4.  Unit Size 100 µl  Concentration Lot dependent  Storage Upon delivery store at -20°C. Avoid repeated freeze/thaw cycles.	Predicted MW	31 kDa including tags
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Storage Upon delivery store at -20°C. Avoid repeated freeze/thaw cycles.	Unit Size	100 μΙ
	Concentration	Lot dependent
	Storage	Upon delivery store at -20°C. Avoid repeated freeze/thaw cycles.
Notes Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.	Notes	Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

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