

Datasheet for ABIN934533
Cathepsin B Protein (CTSB)



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Overview

Quantity:	25 µg
Target:	Cathepsin B (CTSB)
Origin:	Human
Source:	Human
Protein Type:	Native
Biological Activity:	Active

Product Details

Characteristics:	<p>Purified native Human Cathepsin B protein</p> <p>Bioactivity: 200 units/mg - One unit of activity is defined as the amount of enzyme which hydrolyzes one m of Z-Arg-Arg-beta NA per minute at 40o C pH 6.0, in the presence of DTT.</p> <p>Protein Source: Human liver</p>
Purity:	> 98 % pure

Target Details

Target:	Cathepsin B (CTSB)
Alternative Name:	Cathepsin B (CTSB Products)
Background:	<p>Cathepsin B is an enzymatic protein belonging to the peptidase (or protease) families. In humans, it is coded by the CTSB gene.</p> <p>Description: Human liver.</p>
Molecular Weight:	27.5 kDa

Target Details

Pathways: [Activation of Innate immune Response, Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Buffer: 50 mM CH₃COONa, pH 5.0, with 0 M EDTA.

Precaution of Use: Donor samples were tested and found to be negative for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -80 °C

Storage Comment: Aliquot and store at -70 °C or lower.