

Active Cathepsin B, human recombinant protein

CTSB, CPSB

Catalog # PBV11189r

Specification

Active Cathepsin B, human recombinant protein - Product info

Primary Accession [P07858](#)
Concentration **0.5**
Calculated MW **27.8 kDa (80-333 aa) KDa**

Active Cathepsin B, human recombinant protein - Additional Info

Gene ID **1508**
Gene Symbol **CTSB**
Other Names
CTSB, CPSB

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥90%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Results **>7500 mU/mg**
Target/Specificity
Cathepsin B

Format

Liquid

Storage

-20°C; 0.5 mg/ml solution of protein in 25 mM sodium acetate, 50 mM NaCl, pH 5.0 containing 50% glycerol.

Active Cathepsin B, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Active Cathepsin B, human recombinant protein - Background

Cathepsin B is a lysosomal cysteine protease. It is implicated in playing a role in protein degradation, arthritis, apoptosis, and cancer.

Active Cathepsin B, human recombinant protein - References

Chan S.J., et al. Proc. Natl. Acad. Sci. U.S.A. 83:7721-7725(1986).
Cao L., et al. Gene 139:163-169(1994).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Otsuki T., et al. DNA Res. 12:117-126(2005).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.