

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 - Images**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.