

Cathepsin F, human recombinant
CATSF, CLN13, CTSF
Catalog # PBV11476r**Specification**

Cathepsin F, human recombinant - Product info

Primary Accession	NP_003784
Concentration	1 mg/ml
Calculated MW	This protein is fused with a 6× His tag at N-terminus and has a calculated MW of 26 kDa. kDa

Cathepsin F, human recombinant - Additional Info**Other Names**

CATSF, CLN13, CTSF

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A; ≥90%
Recombinant	Yes
Sequence	(237 aa)MGSSHHHHHH SSGLVPRGSH MGSAPPEWDW RSKGAVTKVK DQGMCGSCWA FSVTGNVEGQ WFLNQGTLLS LSEQELDCD KMDKACMGGLPSNAYSIAKN LGGLETEDDY SYQGHMQSCN FSAEKAKVYI NDSVELSQNE QKLAAWLAKR GPISVAINAF GMQFYRHGIS RPLRPLCSPWLIDHAVLLVG YGNRSDVPFW AIKNSWGTDW GEKGYYYLHR GSGACGVNTM ASSAVVD

Target/Specificity

CATSF

Application Notes

In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea,

Format

Liquid

Storage

-20°C; Liquid

Cathepsin F, human recombinant - 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](#)

Cathepsin F, human recombinant - Images

Cathepsin F, human recombinant - Background

Cathepsin F, also known as CTSF, belongs to the cathepsin family. Cathepsins are papain family cysteine proteinases that represent a major component of the lysosomal proteolytic system. The CTSF gene is ubiquitously expressed, and it maps to chromosome 11q13, close to the gene encoding cathepsin W. CTSF is thought to play a role in normal protein catabolism, and because it is highly expressed in some cancer cell lines, it may be involved in degradative processes occurring during tumor progression. Recombinant human CTSF protein, fused to His-tag at N-terminus, was expressed in E.coli.