

## Recombinant Mouse Ctsw protein, His&Myc-tagged

**Cat. No.** Ctsw-2768M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Ctsw protein(P56203)(126-371aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                      |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 126-371aa                                                                                                                                                                                                                                                             |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                      |
| <b>Molecular Mass</b>   | 35.2 kDa                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | VPRTCDWRKAKNISSVKNQGSCCKCWAMAAADNIQALWRIKHQQFVDVSVQELLD<br>CERCGNGCNGGFVWDAYLTVLNNSGLASEKDYPFQGDRKPHRCLAKKYKKVAWIQ<br>DFTMLSNNEQAIAHYLAVHGPITVTINMKLLQHYQKGVIKATPSSCDPRQVDHSVLLV<br>GFGKEKEGMQTGTVLSHSRKRRHSSPYWILKNSWGAHWGEKGYFRLYRGNNTCG<br>VTKYPFTAQVDSPVKKARTSCPP |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                                                     |

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repeated freeze-thaw cycles.

#### Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** [Ctsw cathepsin W \[ Mus musculus \]](#)

**Official Symbol** [Ctsw](#)

**Synonyms** CTSW; cathepsin W; lymphopain;

**Gene ID** [13041](#)

**mRNA Refseq** [NM\\_009985](#)

**Protein Refseq** [NP\\_034115](#)

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