

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

**Cat. No.** Ctsc-3422M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Ctsc protein(P97821)(25-134aa), fused with 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>    | 25-134aa                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 20.1 kDa                                                                                                                                                                                                                                                                                                           |
| <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 repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. |

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**AA Sequence**

DTPANCTYPDLLGTWVFQVGPRSSRSDINCSVMEATEEKVVVHLKKLDTAYDELGN  
SGHFTLIYNQGFEIVLNDYKWF AFFKYEVRGHTAISYCHETMTGWVHDLGRNW

**GENE INFORMATION**
**Gene Name**

[Ctsc cathepsin C \[ Mus musculus \]](#)

**Official Symbol**

[Ctsc](#)

**Synonyms**

CTSC; cathepsin C; dipeptidyl peptidase 1; DPP-I; cathepsin J; dipeptidylpeptidase 1; dipeptidyl peptidase I; dipeptidyl transferase; dipeptidyl-peptidase 1; dipeptidyl-peptidase I; DPP1; DPPI; AI047818;

**Gene ID**

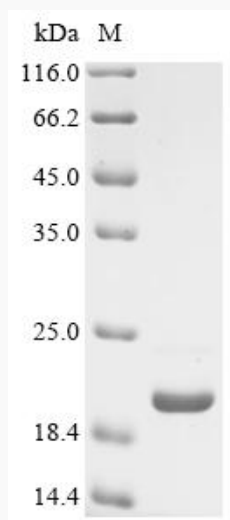
[13032](#)

**mRNA Refseq**

[NM\\_009982](#)

**Protein Refseq**

[NP\\_034112](#)

**SDS-PAGE**


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