

## Recombinant Mouse ctss protein, His-tagged

**Cat. No.** ctss-2767M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse ctss protein(O70370)(123-340aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	123-340aa
<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>	27.7 kDa
<b>AA Sequence</b>	LPDVTVDWREKGCVTEVKYQGSCGACWAFSAVGALEGQLKLKTGKLISLSAQNLVDC SNEEKYGNKGC GGGYMTEAFQYIIDNNGGIEADASYPYKATDEKCHYNSKNRAATCS RYIQLPFGDEDALKEAVATKGPVSVGIDASHSSFFFYKSGVYDDP SCTGNVNHGVLV VGYGTLDGKDYWLKNSWGLNFGDQGYIRMARNNKNHCGIASYCSYPEI
<b>Purity</b>	Greater than 90% 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.

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**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** [Ctss cathepsin S \[ Mus musculus \]](#)

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

**Synonyms** CTSS; cathepsin S; Cat S;

**Gene ID** [13040](#)

**mRNA Refseq** [NM\\_021281](#)

**Protein Refseq** [NP\\_067256](#)

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