

Recombinant Rat Ctsz protein, His-SUMO-tagged

Cat. No. Ctsz-767R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ctsz protein(Q9R1T3)(64-306aa), fused with N-terminal His tag and SUMO tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	64-306aa
Form	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.
Molecular Mass	40.1 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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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 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

LPKNWDWRNVNGVNYASVTRNQHIPQYCGSCWAHGSTSALADRINIKRKGAWPST
 LLSVQNVIDCGNAGSCEGGNDLPVWEYAHKHGIPDETCNNYQAKDQECDFNQCG
 TCTEFKECHTIQNYTLWRVGDYGSLSGREKMMAEIYANGPISCGIMATERMSNYTG
 GIYTEYQNQAIINHIIISVAGWGVSNBGIEYWIVRNSWGEPWGERGWMRIVTSTYKGG
 TGSSYNLAIEEACTFGDPIV

GENE INFORMATION

Gene Name [Ctsz cathepsin Z \[Rattus norvegicus \]](#)

Official Symbol [Ctsz](#)

Synonyms CTSZ; cathepsin Z; cathepsin X; cathepsin Y; CATX;

Gene ID [252929](#)

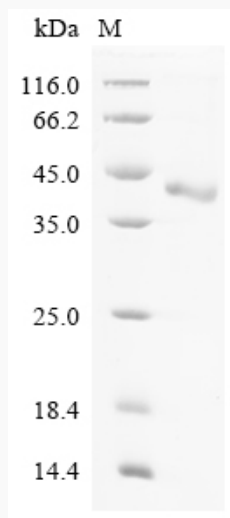
mRNA Refseq [NM_183330](#)

Protein Refseq [NP_899159](#)

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SDS-PAGE

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