Recombinant Mouse Ctsg protein, His-SUMO-tagged

Cat. No. Ctsg-2759M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ctsg protein(P28293)(21-261aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	21-261aa
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	42.9 kDa
AA Sequence	IIGGREARPHSYPYMAFLLIQSPEGLSACGGFLVREDFVLTAAHCLGSSINVTLGAHNI QMRERTQQLITVLRAIRHPDYNPQNIRNDIMLLQLRRRARRSGSVKPVALPQASKKL QPGDLCTVAGWGRVSQSRGTNVLQEVQLRVQMDQMCANRFQFYNSQTQICVGNP RERKSAFRGDSGGPLVCSNVAQGIVSYGSNNGNPPAVFTKIQSFMPWIKRTMRRFA PRYQRPANSLSQAQT
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

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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	Ctsg cathepsin G [Mus musculus]
Official Symbol	Ctsg
Synonyms	CTSG; cathepsin G; VSP; vimentin-specific protease;
Gene ID	13035
mRNA Refseq	NM_007800
Protein Refseq	NP_031826

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