

Recombinant Dog CTSK protein, His-SUMO-tagged

Cat. No. CTSK-2760D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog CTSK protein(Q3ZKN1)(116-330aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Dog
Source	E.coli
ProteinLength	116-330aa
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	39.5 kDa
AA Sequence	APDSVDYRKKGYVTPVKNQGQCGSCWAFSSVGALEGQLKKKTGKLLNLSPQNLVD CVSENDGCGGGYMTNAFQYVQKNRGIDSEDAYPYVGQDESCMYNPTGKAAKCRG YREIPEGNEKALKRAVARVGPISVAIDASLTSFQFYSGVYYDENCNSDNLNHAVLA VGYGIQKGNKHWIKNWGENWGNKGYILMARNKNNACGIANLASFPKM
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.

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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	CTSK cathepsin K [<i>Canis lupus familiaris</i>]
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Official Symbol	CTSK
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Synonyms	CTSK; cathepsin K; cathepsin K (pseudodeficiency);
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Gene ID	608843
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mRNA Refseq	NM_001033996
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Protein Refseq	NP_001029168
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