

Human Cystatin D protein, His tag (active)

Cat. No. GTX66965-pro

Applications Functional Assay**Species** Human**Package**

50 µg

Applications

Application Note

The IC₅₀ value is < 2.0 nM. The inhibitory function of Cystatin 5 on protease activity of papain was measured by a fluorometric assay using Z-FR-AMC at pH 7.5 at 25°C.

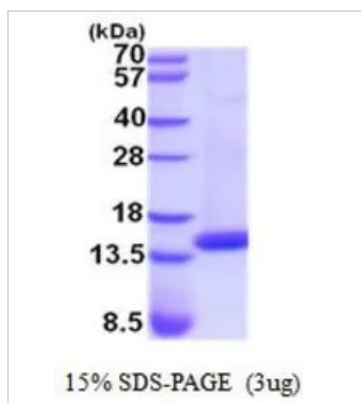
Observed MW (kDa) 13.5-18 kDa.

Properties

Form Liquid**Buffer** PBS, 10% Glycerol**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence** C-terminal His-Tag; Length: 123 a.a. Sequence: QSRTLAGGIH ATDLNDKSVQ RALDFAISEY NKVINKDEYY SRPLQVMAAY QQIVGGVNNY FNVKFGRTTC TKSQPNLDNC PFNDQPKLKE EEFCFQINE VPWEDKISIL NYKCRKVHHH HHH**Expression System** Baculovirus**Purity** > 90% by SDS-PAGE.**Endotoxin** < 1.0 EU/µg (determined by LAL method)**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES



GTX66965-pro Image

3 μ g of GTX66965-pro Human Cystatin D protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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Date 2026 / 10 / 08 Page 2 of 2