

Human Cystatin B protein, His tag (active)

Cat. No. GTX17344-pro

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

10 µg

Applications

Application Note

Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method) Biological Activity: The IC50 value is < 3.0nM. The inhibitory function of Cystatin B on protease activity of papain was measured by a fluorometric assay using Z-FR-AMC at pH 7.5 at 25 degree C.

Properties

Form Liquid**Buffer** 20mM Tris-HCl, 50mM NaCl**Preservative** No preservatives**Storage** Store as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence** Full length protein, N-terminal His-Tag; MGSSHHHHHH SGLVPRGSH MMCGAPSATQ PATAETQHIA DQVRSQLEEK ENKKFPVFKA VSFKSQVWAG TNYFIKVHVG DEDFVHLRVF QSLPHENKPL TLSNYQTNKA KHDELTYF**Expression System** E. coli**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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