

Human Cystatin A protein, His tag (active)

Cat. No. GTX17343-pro

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| Applications | Functional Assay | Package |
| Species | Human | 20 µg |

Applications

Application Note

Biological Activity: The IC50 value is < 1.0nM. The inhibitory function of Cystatin A on protease activity of papain was measured by a fluorometric assay using Z-FR-AMC at pH 7.5 at 25C.

Properties

| | |
|-------------------|--|
| Form | Liquid |
| Buffer | 20mM Tris-HCl, 10% Glycerol, 1mM DTT |
| 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 SSGLVPRGSH MIPGGLSEAK PATPEIQEIV DKVKPQLEEK TNETYGKLEA VQYKTQVWAG TNYYIKVRAG DNKYMHLKVF KSLPGQNEDL VLTGYQVDKN KDDELTGF |
| 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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