www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

CSTA Human, GST

Catalog #:PRPS-550

For research use only.

Description: Cystatin-A Human Recombinant full length protein expressed in E.coli, shows a 37 kDa band on SDS-PAGE (including GST tag).The Cystatin-A is purified by proprietary chromatographic techniques.

Synonyms: Cystatin-A, Cystatin-AS, Stefin-A, CSTA, STF1, STFA.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Formulation:

Cystatin-A in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

Stability:

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

ELISA Inhibition Assays Western Blotting.

Introduction:

Cystatin-A is the intracellular inhibitor of cysteine proteinase cathepsin B (CatB) and belongs to family 1 of the cystatin superfamily of inhibitor proteins. CSTA is a stefin that functions as a cysteine protease inhibitor, forming tight complexes with papain and the cathepsins B, H, and L. It has been proposed that extracellular CatB together with other classes of proteinases are all subjected to a cascade-like manner of activation. CatB and its inhibitor Cystatin-A are involved in degradation of extracellular matrix proteins during tissue remodeling. CSTA is one of the precursor proteins of cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance. Cystatin-A has been reported to be found in high concentrations in epithelial cells, polymorphonuclear leukocytes and lymphoid tissue. Stefins may be used as prognostic and diagnostic tools for cancer.

To place an order, please Click HERE.

© 2015 NeoScientific

Copyrights @ 2013 NEO Group 245 First Street, 18th Floor, Cambridge MA 02142 888.754.5670 (toll-free)
Request a CATALOG CLICK HERE