

SPECIFICATION SHEET

Product Name: Recombinant Cystatin C, Cys C, **Catalog #:** L2K00101

Description: These inhibitory element C (Cystatin C, Cys C), as an inhibitor of cysteine proteinases, is thought to serve an important physiological role as a local regulator of this enzyme activity. Coding Cys C gene belongs to the housekeeping genes, in all of the nucleated cells with constant speed for transcription and expression, no organization specificity, the Cys C in the body can be produced with constant speed, The small molecular weight (13 kd), physiological conditions with positive charge, free from glomerular filtration, was completely renal tubule epithelial cells heavy absorption and in intracellular degradation, not back to the blood; At the same time, renal tubule epithelial cells don't secretion Cys C to the lumen. Therefore, Cys C is an important index to reflect the glomerular filtration condition.

Source: E. coli

Format: Purified, Liquid

Purification: >85% pure (SDS-PAGE).

Concentration&Lot: 2mg/ml **Lot :** L171101

Buffer: 0.01M PBS, pH 7.5

Preservative: None

Applications: Suitable for use in Immunoassays, Western blot and immunogen for antibody production. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage&Shelf life: Store at -20 °C for 3 years. Avoid multiple freeze/thaw cycles.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.