



Recombinant Cystatin C Protein [His] (DAG-WT614)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	Human
Purity	> 85 % as determined by SDS-PAGE
Conjugate	His
Applications	LF, CLIA, WB
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	PBS
Preservative	None
Storage	Short Term 2-8°C, long term: -20°C

BACKGROUND

Introduction

Cystatin C (Cys C), originally called as gamma-trace and post-gamma-globulin, is a non-glycosylated low molecular weight protein found in many body fluids and secretions. The structure of the Cys C is a composition of five antiparallel β -sheets wrapped around a central helix with the disulfide bonds of between residues 73 and 83 and between residues 97 and 117. The molecular mass of Cys C is 13,343 Da (nonhydroxylated) and 13,359 Da (hydroxylated proline residue at position 3). The isoelectric point of Cys C is 9.3 and thus positively charged in all body fluids.

Keywords

Cystatin C; Cys C; Kidney marker
