Human CSTA/STF1/STFA (His tag) recombinant protein

Catalog Number: 519227

General Information

Gene Name Synonym

Cystatin-A, Cystatin-AS, Stefin-A, CSTA, STF1, STFA

Protein Construction

A DNA sequence encoding the Human CSTA/STF1/STFA Ile2-Phe98 is expressed with a 6His tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

 ${<}1.0$ EU per μg protein as determined by the LAL method.

Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Formulation

Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, pH 8.0.

Usage Guide

Storage

Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μ g/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE

kDa	MK	R	NR
120			
90			
60	-		
40	-		
30	-		The
20			
14		-	-

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