9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CST11 Human

Cystatin 11 Human Recombinant
RCP0559

Product Overview

Name	CST11 Human
Description	
Cystatin 11 Human Recombinant	
Accession (Primary)	Q9H112
Synonyms	
CST8L, CTES2, dJ322G13.6, SC13.	
Introduction	
Cystatin 11 (CST11) is a member of the Cystatin family. The Cystatin superfamily is comprised of proteins with multiple cystatin-like sequences. Several family members are active cysteine protease inhibitors, other family members have lost or perhaps never developed this inhibitory activity. The Cystatin superfamily consists of three inhibitory families, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. The majority of the type 2 cystatin genes and pseudogenes are contained in the cystatin locus on chromosome 20. CST11 is located in the cystatin locus and encodes an epididymal-specific protein whose specific function has not been verified yet.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CST11 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M urea and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS ARKKTFL SVHEVMAVEN YAKDSLQWIT DQYNKESDDK YHFRIFRVLK VQRQQVNCFF SVFAVPWFEQ YKILNKSCSS D.	

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Precautions

CST11 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H112)