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

SERPING1 Human, Native

Serpin Peptidase Inhibitor, Clade G Member 1 Human
RCP2058

Product Overview

Name	SERPING1 Human, Native
Description	
Serpin Peptidase Inhibitor, Clade G Member 1 Human	
Accession (Primary)	P05155
Synonyms	
C1IN, C1INH, C1NH, HAE1, HAE2 , Plasma protease C1 inhibitor, C1 esterase inhibitor, C1-inhibiting factor, Serpin G1, Name, SERPING1.	
Introduction	
Plasma protease C1 inhibitor (SERPING1) is a part of the serpin superfamily of serine protease inhibitors. SERPING1 plays an important role in regulating activation of both the complement and contact systems. SERPING1 is also activating C1 by coupling with the active catalytic site at the light chains of C1r and C1s. SERPING1 insufficiency results in hereditary angioedema, which is characterized by recurrent episodes of localized angioedema of the skin, gastrointestinal mucosa or upper respiratory mucosa.	
Source	
Human Plasma.	
Physical Appearance	
Sterile Filtered solution.	
Formulation	
10mM sodium phosphate and 145mM NaCl, pH 7.3.	
Stability	
Native SERPING1 Human is stable at 4°C if entire vial will be used within 2-4 weeks. Store, frozen below -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 95.0% as determined by SDS-PAGE.	
Human Virus Test	
Plasma from each donor has been tested and found negative for antibody to HIV-1, HIV-2, HCV, HTLV-I &II, STS and HBSAG.	

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Precautions

SERPING1 Human, Native is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P05155)