
Product Data Sheet

Product Name: SERPING1 Human, Native

Cat. No.: GP26333

Batch No.: 1

Product Data

Purity	>98%	Source	Human Plasma.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	C1IN, C1INH, C1NH, HAE1, HAE2 , Plasma protease C1 inhibitor, C1 esterase inhibitor, C1-inhibiting factor, Serpin G1, Name, SERPING1.		
Formulation	10mM sodium phosphate and 145mM NaCl, pH 7.3.		

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.

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.

Background

Human Serpin Peptidase Inhibitor, Clade G Member 1 produced in Human plasma having a molecular mass of 110 kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA