
Product Data Sheet

Product Name: C4a Human
Cat. No.: GP26224
Batch No.: 1

Product Data

Purity	>98%	Source	Human Plasma.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	Complement C4-A, Acidic complement C4, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 2, C4A, CO4, CPAMD2.		
Formulation	C4a protein solution contains HEPES buffered saline, pH 7.2.		

Introduction

Natural human C4a is created by cleavage of human C4 by human C1s. C4a is produced during activation of both lectin and the classical pathways of complement. C4a is a non glycosylated polypeptide containing 77 amino acids. C4a is a member of the anaphylatoxin family of 3 proteins (C3a, C4a and C5a) produced by the activation of complement.

Stability

C4a 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 Complement C4a produced in Human plasma having a molecular mass of 8,759 Dalton.

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

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