
Product Data Sheet

Product Name: C2 Human
Cat. No.: GP26212
Batch No.: 1

Product Data

Purity	>98%	Source	Human Plasma.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	Complement C2, C3/C5 convertase, C2.		
Formulation	25mM sodium phosphate and 100mM NaCl, pH 6.0.		

Introduction

C2 forms the proteolytic subunit of the C3 and C5 convertase of both pathways. Initiation of each pathway generates proteolytic enzyme complexes which binds to the target surface. C1s and MASP in these complexes activate both C4 and C2. They cleave a peptide bond in C4 depositing C4b on the surface and also cleave C2 into 2 fragments.

Stability

C2 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 C2 produced in Human plasma having a molecular mass of 93 kDa.

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

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