
Product Data Sheet

Product Name: CD55 Mouse
 Cat. No.: GP23065
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9,Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Complement decay-accelerating factor; GPI-anchored;DAF-GPI; CD_antigen: CD55.		
Amino Acid Sequence	DCGPPPDIPN ARPILGRHSK FAEQSKVAYS CNNGFKQVPD KSNIVVCLENGQWSSHETFC EKSCVAPERL SFASLKKEYL NMNFFPVGTI VEYECRPGFR KQPPLPGKAT CLEDLVWSPVAQFCKKKSCP NPKDLDNNGHI NIPTGILFGS EINFSCNPGY RLVGVSSTFC SVTGNTVDWD DEFPVCTEIHCPPEPKINNG IMRGESDSYT YSQVVTYSCD KGFILVGNAS IYCTVSKSDV GQWSSPPPRC IEKSKVPTKKPTINVPSTGT PSTPQKPTTE SVPNPGDQPT PQKPSTVKVS ATQHVPVTKT TVRHPIRTST DKGEPNTGLEHHHHHHH.		
Formulation	CD55protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10%glycerol.		

Introduction

CD55 belongs to the RCA (regulators of complement activation) family characterized by 4-30 SCRs (short consensus repeats) in their plasma-exposed regions. CD55 is widely expressed in malignant tumors and nevertheless functions as an inhibitor of the complement system.

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.

Background

CD55 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain

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

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containing 336 amino acids (35-362 a.a.) and having a molecular mass of 36.8kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).

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