
Product Data Sheet

Product Name: SGCB Human
 Cat. No.: GP24561
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Beta-sarcoglycan; Beta-SG; 43 kDa dystrophin-associated glycoprotein; 43DAG; A3b; LGMD2E; Sarcoglycan; Beta (43kDa Dystrophin-Associated Glycoprotein); Limb Girdle Muscular Dystrophy 2E (Non-Linked Families); SGC.		
Amino Acid Sequence	MGSSHHHHHSSGLVPRGSH MGSWAVIRIGPNGCDSMEFH ESGLLRFKQV SDMGVIHPLY KSTVGGRRNE NLVITGNNQP IVFQQGTTKL SVENNKTSITSDIGMQFFDP RTQNILFSTD YETHEFHLP S GVKSLNVQKA STERITSNAT SDLNIKVDGR AIVRGNEGVFIMGKTIEFHM GGNMELKAEN SIILNGSVMV STTRLPSSSS GDQLGSGDWV RYKLCMCADG TLFKVQVTSQNMGCQISDNP CGNTH.		
Formulation	SGCB protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.		

Introduction

Sarcoglycan Beta, also known as SGCB, is a part of the sarcoglycan family. SGCB belongs to the sarcoglycan complex which is a subcomplex of the dystrophin-glycoprotein complex that connects between the F-actin cytoskeleton and the extracellular matrix.

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

SGCB Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide

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

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chain containing 255 amino acids (87-318 a.a) and having a molecular mass of 27.8kDa.

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