

## 32-13416: SGCB Human

**Alternative Name :** 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.

### Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

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.

SGCB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 255 amino acids (87-318 a.a) and having a molecular mass of 27.8kDa.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** SGCB protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer(pH8.0) and 10% glycerol.

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSWAVIRIG PNGCDSMEFH ESGLLRFKQV SDMGVIHPLY  
KSTVGRRNE NLVITGNNQP IVFQQGTTKL SVENNKTSIT SDIGMQFFDP RTQNILFSTD  
YETHEFHLPs GVKSLNVQKA STERITSNAT SDLNIKVDGR AIVRGNEGVF IMGKTIEFHM  
GGNMELKAEN SIILNGSVMV STTRLPSSES GDQLGSGDWV RYKLCMCADG TLFKVQVTSQ  
NMGCQISDNP CGNTH.