

Sarcoglycan Beta Human Recombinant

Item Number	rAP-4281
Synonyms	Beta-sarcoglycan, Beta-SG, 43 kDa dystrophin-associated glycoprotein, 43DAG, A3b, LGMD2E, Sarcoglycan, Beta (43kDa Dystrophin-Associated Glycoprotein), Limb Girdle Muscular Dystrophy 2E
Description	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.SGCB is fused to a 23 amino acid His-tag at N-terminus
Uniprot Accesion Number	Q16585
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSWAVIRIG PNGCDSMEFH ESGLLRFKQV SDMGVIHPLY KSTVGGRRNE NLVITGNNQP IVFQQGTTKL SVENNKTSIT SDIGMQFFDP RTQNILFSTD YETHEFHLPS GVKSLNVQKA STERITSNAT SDLNIKVDGR AIVRGNEGVE IMGKTIEFHM GGNMELKAEN SIILNGSVMV STTRLPSSSS GDQLGSGDWV RYKLCMCADG TLFKVQV-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.
Formulation and Purity	SGCB protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer(pH8.0) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**