

Recombinant Mouse Sgca Protein, Myc/DDK-tagged

Cat. No. Sgca-5820M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length sarcoglycan, alpha (dystrophin-associated glycoprotein) (Sgca), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the sarcoglycan alpha/epsilon family of transmembrane proteins. The encoded protein is part of the dystrophin-glycoprotein complex which links the extracellular matrix to the cytoskeleton in muscle fibers. Disruption of this gene results in progressive muscular dystrophy and is associated with the development of embryonal rhabdomyosarcoma.
Molecular Mass	43.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Sgca sarcoglycan, alpha \(dystrophin-associated glycoprotein\) \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Sgca](#)

Synonyms [Sgca](#); sarcoglycan, alpha (dystrophin-associated glycoprotein); A; ad; Asg; 50DA; 50DAG; alpha-sarcoglycan; 50 kDa dystrophin-associated glycoprotein; adhalin; alpha-SG

Gene ID [20391](#)

mRNA Refseq [NM_009161](#)

Protein Refseq [NP_033187](#)

UniProt ID [P82350](#)

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