Recombinant Mouse Sgca, His-tagged

Cat. No. Sgca-3387M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alpha-sarcoglycan (Sgca)
Species	Mouse
Source	E.Coli/Yeast
ProteinLength	387
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 rhabdomysarcoma.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Sgca recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

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Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	Sgca sarcoglycan, alpha (dystrophin-associated glycoprotein) [Mus musculus]
Official Symbol	Sgca
Synonyms	SGCA; sarcoglycan, alpha (dystrophin-associated glycoprotein); alpha-sarcoglycan; alpha-SG; 50 kDa dystrophin-associated glycoprotein; sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein); Asg; 50DAG; 59kDa; adhalin;
Gene ID	20391
mRNA Refseq	NM_001136080
Protein Refseq	NP_001129552
Pathway	Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Dilated cardiomyopathy, organism-specific biosystem; Dilated cardiomyopathy, conserved biosys
Function	calcium ion binding;

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