

Recombinant Human SGCA protein, His-tagged

Cat. No. SGCA-3498H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SGCA protein(24-105 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24-105 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	QQTTLHPLVGRVVFVHTLDHETFLSLPEHVAVPPAVHITYHAHLQGHPDLPRWLRYTQ RSPHHPGFLYGSATPEDRGLQVIEV
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	SGCA sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein) [Homo sapiens]
Official Symbol	SGCA
Synonyms	SGCA; sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein); ADL, sarcoglycan, alpha (50kD dystrophin associated glycoprotein); alpha-sarcoglycan; 50kD DAG; A2; adhalin; adhalin (limb girdle muscular dystrophy 2D); DMDA2; LGMD2D; Sarcoglycan; alpha (50kD dystrophin associated glycoprotein; adhalin); SCARMD1; 50DAG; alpha-SG; dystroglycan-2; 50 kDa dystrophin-associated glycoprotein; ADL; DAG2; 50-DAG;
Gene ID	6442
mRNA Refseq	NM_000023
Protein Refseq	NP_000014
MIM	600119
UniProt ID	Q16586

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