

## Product datasheet for TP524511

### Sgca (NM\_009161) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sarcoglycan, alpha (dystrophin-associated glycoprotein) (Sgca), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224511 representing NM_009161 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAAAVTWIPLLAGLLAGLRDTKAQQTTLHLLVGRVVFHPLEHATFLRLPEHVAVPPTVRLTYHAHLQGHPLDPRWLHYTQRSPYNPGFLYGSPTPEDRGYQVIEVTAYNRDSFDTRQRLLLLIGDPEGPRLPYQAEFLV RSHDVEEVLPTTPANRFLTALGGLWEPGELQLLNITSALDRGGRVPLPIEGRKEGVYIKVGSATPFSTCL KMVASPDSYARCAQGGPPLLSCYDTLAPHFRVDWCNVSLVDKSVPEPLDEVPTPGDGILEHDPFFCPTTE ATDRDFLTDALVTLVPLLVALLLTLLAYIMCFRREGRLKRD MATSDIQMFHHC SIHGNT EELRQMAAS REVPRPLSTLPMFNVRTGERLPPRVDSAQMP LILDQH</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	43.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_033187</a>
Locus ID:	20391
UniProt ID:	<a href="#">P82350</a>



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RefSeq Size: 1428

Cytogenetics: 11 D

RefSeq ORF: 1161

Synonyms: 50DA; 50DAG; A; ad; Asg

**Summary:** 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. [provided by RefSeq, Dec 2012]