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SGCD, 57-289aa, Human, His tag, E.coli

产品货号: TP03919

第三版

别名:Delta-sarcoglycan, 35DAG, CMD1L, DAGD, SG-delta, SGCDP, SGD

**描述:**SGCD is one of the four known components of the sarcoglycan complex, which is a subcomplex of the dystrophin-glycoprotein complex (DGC). DGC forms a link between the F-actin cytoskeleton and the extracellular matrix. This protein is expressed most abundantly in skeletal and cardiac muscle. The mutations in this gene have been associated with autosomal recessive limb-girdle muscular dystrophy and dilated cardiomyopathy. Alternatively spliced transcript variants encoding distinct isoforms have been observed. In melanocytic cells SGCD gene expression may be regulated by MITF. Recombinant human SGCD protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**分子量:**28 kDa (257aa)

**序列:**

MGSSHHHHHSSGLVPRGSHRSHMKVMNFTIDGMGNLRITEKGLKLEGDSEFLQPLYAKEIQSRPGNALYFKSARNVTV  
NILNDQTKVLTQLITGPKAVEAYGKKFEVKTVSGKLLFSADNNEVVGAERLRVLGAEGTVFKSIETPNVRADPFKELRL  
ESPTRSLVMEAPKGV EINA EAGNMEATCRTELRLSKDGEIKLDAKIRLPRLPHGSYPTPTGTRQKVFEICVCANGRLFLSQ  
AGAGSTCQINTSVCL

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.