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SDSL, 1-329aa, Human, His tag, E.coli

产品货号: TP03876

第三版

**别名:** Serine dehydratase-like, SDH 2, SDS-RS1, TDH.

**描述:** SDSL (serine dehydratase-like) is like L-serine dehydratase, uses pyridoxal phosphate. L-serine dehydratase, known simply as serine dehydratase (SDS), is one of three main enzymes that are involved in the metabolism of Glycine and serine. One of several members of the serine/threonine dehydratase family, SDSL may function as a serinespecific dehydratase that plays a role in protein metabolism. It has low serine dehydratase and threonine dehydratase activity. Recombinant human SDSL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol, 100mM NaCl

**分子量:** 37.3kDa (353aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSHMDGPVAEHAKQEPFHVVTPLESWALSQVAGMPVFLKCENVQPSGSFKIRGIGH  
FCQEMAKKGCRLHVCSSGGNAGIAAAYAARKLGIPATIVLPESTSLQVVQRLQEGEAEVQLTGKVDANLRAQELAKR  
DQWENVPPFDHPLIWKGHASLVQELKAVLRTPPGALVLA VGGGGLLAGVVAGLLEVGWQHVPIIAMETHGAHCFNAAI  
TAGKLVTLPDITSVAKSLGAKTVAARALECMQVCKIHSEVVEDTEAVSAVQQLLDDERMLVEPACGAALAAIYSGLLRRL  
QAEGCLPPSLTSVVVIVCGGNNINSRELQALKTHLGQV

**纯度:** > 95% by HPLC

**浓度:** 0.5mg/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.