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KDSR, 26-270aa, Human, His tag, E.coli

产品货号: TP02722

第三版

别名:3-ketodihydrosphingosine reductase, DHSR, FVT1

描述:KDSR, also known as 3-ketodihydrosphingosine reductase, is a 332 amino acid multi-pass membrane protein that localizes to the endoplasmic reticulum (ER) and belongs to the short-chain dehydrogenases/reductases (SDR) family. KDSR is a secreted protein which is weakly expressed in hematopoietic tissue. Also this protein catalyzes the reduction of 3-ketodihydrosphingosine (KDS) to dihydrosphingosine (DHS).

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,10% glycerol, 0.1M NaCl, 0.1mM PMSF

分子量:29.0 kDa (266aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMKPLALPGAHVVVVTGGSSGIGKICIAIECYKQGAFITLVARNEDKLLQAKKEIEMHSINDK
QVVLCISVDVSDYDYNQVENVIKQAQEKLGPDMLVNCAGMAVSGKFEDLEVSTFERLMSINYLGSVYPSRAVITTMKER
RVGRIVFVSSQAGQLGLFGFTAYSASKFAIRGLAEALQMEVKPYNVYITVAYPPDTPGFAEENRTKPLETRLISETTSVCK
PEQVAKQIVKDAIQGNFNSSLGSD

纯度:> 95% by HPLC

浓度:0.5 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.