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SELH(SC44C), 1-122aa, Human, His tag, E.coli

产品货号: TP03881

第三版

别名:Selenoprotein H, C17orf10, SELH

描述:SELH is a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. The exact function of this gene is not known, however, selenoproteins are thought to be responsible for most biomedical effects of dietary selenium. Recombinant human SELH 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 0.15M NaCl, 20% glycerol, 1mM DTT.

分子量:15.8 kDa (145aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMAPRGRKRKAEAAVVAVAEKREKLANGGEGMEEATVVIEHCTSCR VYGRNAAAL
SQALRLEAPELPVKV/NPTKPRRGSFEVTLRPDGSSAELWTGIKKGPPRKLKFPPEPQEVVEELKKYLS

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.