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SEPW1, 1-87aa, Human, His tag, E.coli

产品货号: TP03892

第三版

**别名:**Selenoprotein W, selW

**描述:**SEPW1 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. This protein shows highest expression in skeletal muscle and heart, and may be involved in oxidation-reduction reactions. A retroprocessed pseudogene, SEPW1P, has been identified and mapped to chromosome 1p35-34. Recombinant human SEPW1 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:**11.8kDa(110aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMALAVRVVYCGACGYKSKYLQLKKLEDFPGRLDICGEGTPQATGFFEVMVAG  
KLIHKKKGDGYVDTESKFLKLVAAIKAALAQG

**纯度:**> 95% by HPLC

**浓度:**0.25 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.