

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

SEPSECS, 1-501aa, Human, His tag, E.coli

产品货号: TP03887

第三版

别名:O-phosphoseryl-tRNA(Sec) selenium transferase, LP, SLA-p35, SLA/LP autoantigen, Sec synthase, SLA

描述:SEPSECS, also known as SLA/LP autoantigen, catalyzes the final step of sec synthesis by converting O-phosphoseryl-tRNA(sec) to selenocysteinyI-tRNA(sec) using selenophosphate as the selenium donor. Also, this protein is considered a specific marker of autoimmune hepatitis. Recombinant human SEPSECS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 100mM NaCl

分子量:57.9kDa (521aa), confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMNRESFAAGERLVSPAYVRQGCEARRSHEHLIRLLLEK GKCPENGWDESTLELFLHELAI  
MDSNNFLGNCVGEREGRVASALVARRHYRFIHGIGRSGDISAVQPKAAGSLLNKITNSLVLDIILKLAGVHTVANC FVVP  
MATGMSLTL CFLTLRHKRPKAKYIIWPRIDQKSCFKSMITAGFEPVVIENVLEGDELRTDLKAVEAKVQELGPD CILCIHST  
TSCFAPRVPDRLEELAVICANYDIPHIVNNAYGVQSSKCMHLIQQGARVGRIDAFVQSLDKNFMVPGGAI IAGFNDSFIQ  
EISKMYPGRASAPSLDVLITLLSLG SNGYKLLKERKEMFSYLSNQIKLSEAYNERLLHTPHNPISLAMTLKTLDEHRD KAV  
TQLGSMLFTRQVSGARVVPLGSMQTVSGYTFRGFMSHTN NYPCAYLNAASAIGMKMQDVDLFIKRLDRCLKAVR KERSK  
ESDDNYDKTEDVDIEEMALKLDNVLLD TYQDASS
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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.