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OSGEP, 1- 335aa, Human, His tag, E.coli

产品货号: TP03261

第三版

别名:probable tRNA threonylcarbamoyladenosine biosynthesis protein OSGEP, GCPL1, KAE1, OSGEP1, PRSMG1

描述:OSGEP belongs to the KAE1 / YgjD family. This protein is required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t6A37) in tRNAs that read codons beginning with adenine. Recombinant human OSGEP protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

分子量:38.8 kDa (358aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSMPLVGFEGSANKIGVGVVVDGKVLANPRRTYVTPPGTGFLPGDTARHHRAVILD  
LLQEALTESGLTSQDIDCIAYTKGPGMGAPLVSVAVVARTVAQLWNKPLVGVNHCIGHIEMGRLITGATSPTVLYVSGGN  
TQVIAYSEHRYRIFGETIDIAVGNCLDRFARVLKISNDPSPGYNIEQMAKRGKLVLPYTVKGMVDSFSGILSFIEDVAHR  
MLATGECTPEDLCFSLQETVFAMLVEITERAMAHCGSQEALIVGGVGCNVLQEMMATMCQERGARLFATDERFCIDN  
GAMIAQAGWEMFRAGHRTPLSDSGVTQRYRTDEVEVTWRD

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.