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RPS19, 1-145aa, Human, His tag, E.coli

产品货号: TP03791

第三版

别名:40S ribosomal protein S19, ribosomal protein S19, DBA, DBA1, S19

描述:RPS19 belongs to the S19E family of ribosomal proteins. It is located in the cytoplasm. Mutations in this gene cause Diamond-Blackfan anemia (DBA), a constitutional erythroblastopenia characterized by absent or decreased erythroid precursors, in a subset of patients. This suggests a possible extra-ribosomal function for this gene in erythropoietic differentiation and proliferation, in addition to its ribosomal function. Higher expression levels of this gene in some primary colon carcinomas compared to matched normal colon tissues has been observed. Recombinant human RPS19 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 0.2M NaCl, 40% glycerol, 2mM DTT

分子量:18.4kDa (168aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSM PGVTVKD VNQQEFV RALAAFLKKSGKLVPEWVDTVKLAKHKELAPYDENWF
YTRAASTARHLYLRGGAGVGSMTKIYGGRQRNGVMPSHFSRGSKSVARRVLQALEGLKMVEKDQDGGKRLTPQGQRDL
DRIAGQVAAANKKH

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.