

Recombinant human RPS24 protein

Catalog Number: ATGP2209

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-130aa

UniProt No.

P62847

NCBI Accession No.

NP_148982

Alternative Names

40S ribosomal protein S24 isoform a, DBA3, S24

PRODUCT SPECIFICATION

Molecular Weight

17.5 kDa (153aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

40S ribosomal protein S24 isoform a, also known as RPS24, belongs to the S24E family of ribosomal proteins. It is located in the cytoplasm. Multiple transcript variants encoding different isoforms have been found for this gene. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Mutations in this gene result in Diamond-Blackfan anemia. Recombinant human RPS24 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Recombinant human RPS24 protein

Catalog Number: ATGP2209

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMNDTVTI RTRKFMTNRL LQRKQMVIDV LHPGKATVPK TEIREKLAKM YKTPDVIFV
FGFRTHFGGG KTTGFGMIYD SLDYAKKNEP KHRLARHGLY EKKKTSRKQR KERKNRMKKV RGTAKANVGA GKK

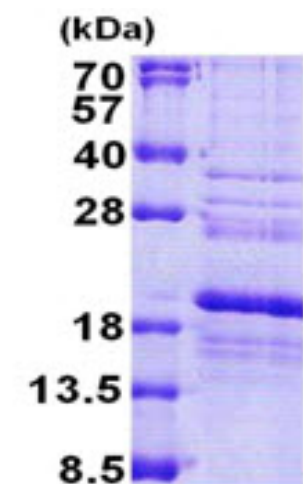
General References

Badhai J., et al. (2009) Biochim Biophys Acta. 1792(10):1036-42

Choessel V., et al. (2008) Hum Mol Genet. 17(9):1253-63.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)