

Recombinant human RPL30 protein

Catalog Number: ATGP2273

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-115aa

UniProt No.

P62888

NCBI Accession No.

NP_000980

Alternative Names

60S ribosomal protein L30, L30

PRODUCT SPECIFICATION

Molecular Weight

15.2 kDa (138aa) 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, 40% glycerol, 2mM DTT

Purity

> 90% 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

Ribosomes, the organelles that catalyze protein synthesis, consists of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPL30 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L30E family of ribosomal proteins. It is located in the cytoplasm. This gene is co-transcribed with the u72 small nucleolar RNA gene, which is located in its fourth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Recombinant human

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RPL30 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

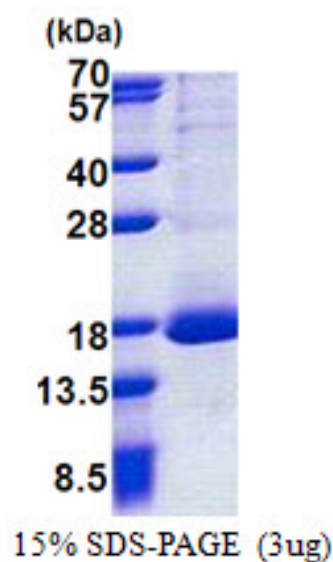
MGSSHHHHHHH SSGLVPRGSH MGSMVAAKKT KKSLESINSR LQLVMKSGKY VLGKQTLKM IRQGKAKLVI LANNC PALRK
SEIEYYAMLA KTG VHHYSGN NIELGTACGK YYRVCTLAII DPGDSDIIRS MPEQTGEK

General References

Feo S, Davies B, Fried M. et al. (Jun 1992). Genomics 13 (1): 201-207.

DATA

SDS-PAGE



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