

Recombinant human RPL5 protein

Catalog Number: ATGP2781

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-297aa

UniProt No.

P46777

NCBI Accession No.

NP_000960

Alternative Names

Ribosomal protein L5, DBA6, L5, MSTP030

PRODUCT SPECIFICATION

Molecular Weight

36.8 kDa (320aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM 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

RPL5 belongs to the ribosomal protein L18P family. This protein is required for rRNA maturation and formation of the 60S ribosomal subunits. Recombinant human RPL5 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMGFVKV V KNKAYFKRYQ VKFRRRREGK TDYYARKRLV IQDKNKYNTN KYRMIVRVTN RDIICQIAYA RIEGDMIVCA AYAHELKPYG VKVGLTNYAA AYCTGLLAR RLLNRFGM DK IYEGQVEVTG DEYNVESIDG

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QPGAFTCYLD AGLARTTTGN KVFGALKGAV DGGLSIPHST KRFPGYDSES KEFNAEVHRK HIMGQNVADY MRYLMEDED
AYKKQFSQYI KNSVTPDMME EMYKKAHAAI RENPVYEKKP KKEVKKRWN RPKMSLAQKK DRVAQKKASF LRAQERAAES

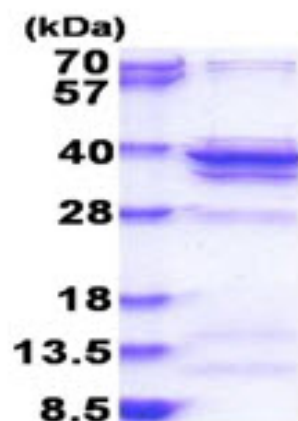
General References

Gazda H.T., et al. (2008) Am. J. Hum. Genet. 83:769-780

Choudhary C., et al. (2009) Science. 325:834-840

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)