Recombinant human RPL12 protein

Catalog Number: ATGP1973

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-165aa

UniProt No.
P30050

NCBI Accession No.
NP_000967

Alternative Names
Ribosomal protein L12, L12

PRODUCT SPECIFICATION

Molecular Weight
20.2 kDa (188aa) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

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

Purity
> 95% 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, consist 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. RPL12 is a ribosomal protein that is a component of the 60S subunit. This protein belongs to the L11P family of ribosomal proteins. It is located in the cytoplasm. RPL12 binds directly to the 26S rRNA. Recombinant human RPL12 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

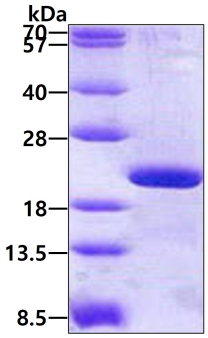
<MGSSHHHHHH SSGLVPRGSH MGS>MPPKFDP NEIKVVYLRC TGGEVGATSA LAPKIGPLGL SPKKVGDDIA KATGDWKGLR ITVKLTIQNR QAQIEVVPSA SALIIKALKE PPRDRKKQKN IKHSGNITFD EIVNIARQMR HRSLARELSG TIKEILGTAQ SVGCNVDGRH PHDIIDDINS GAVECPAS

General References

Rush J., et al. (2005) Nat. Biotechnol. 23:94-101
Daub H., et al. (2008) Mol. Cell. 31:438-448

DATA

SDS-PAGE



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