

Recombinant human RPL11 protein

Catalog Number: ATGP2220

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-178aa

UniProt No.

P62913

NCBI Accession No.

NP_000966

Alternative Names

Ribosomal protein L11, DBA7, GIG34, L11

PRODUCT SPECIFICATION

Molecular Weight

22.6 kDa (201aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1mM DTT, 2mM EDTA, 250mM Imidazole

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, 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. RPL11 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L5P family of ribosomal proteins. It is located in the cytoplasm. The protein probably associates with the 5S rRNA. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. As is typical

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for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Recombinant human RPL11 protein, fused to His-tag at N-terminus, was expressed in *E. coli* and purified by using conventional chromatography techniques.

Amino acid Sequence

<MGSSHHHHH SSGLVPRGSH MGS>MAQDQGE KENPMRELRI RKLCLNICVG ESGDRLTRAA KVLEQLTGQT
PVFSKARYTV RSFGIRRNEK IAVHCTVRGA KAEIELEKGL KVREYELRKN NFSDTGNFGF GIQEHIDLGI KYDPSIGIYG
LDFYVVLGRP GFSIADKKRR TGCIGAKHRI SKEEAMRWFQ QKYDGILPG K

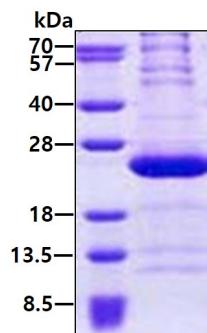
General References

Mahata,B., et al. (2012) *Oncogene* 31 (25), 3060-3071

Dai,M.S, et al. (2012) *J. Biol. Chem.* 287 (21), 17120-17129

DATA

SDS-PAGE



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