
Product Data Sheet

Product Name: RPL23A Human
 Cat. No.: GP24416
 Batch No.: 1

Product Data

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|---------------------|--|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | L23A; MDA20; 60S ribosomal protein L23a; RPL23A; MelanomaDifferentiation-Associated Gene 20. | | |
| Amino Acid Sequence | MGSSHHHHHH SGLVPRGSH MGSMAPKAKK EAPAPPKAEA KAKALKAKKA VLKGVHSHKK KKIRTSPTFRRPKTLRLRRQ PKYPRKSAPR RNKLDHYAII KFPLTTESAM KKIEDNNTLV FIVDVKANKH QIKQAVKKLYDIDVAKVNTL IRPDGEKKAY VRLAPDYDAL DVANKIGII | | |
| Formulation | RPL23A protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol, 2mM DTT and 250mM imidazole. | | |

Introduction

RPL23A is a ribosomal protein which is a component of the 60S subunit. Ribosomes, the organelles which 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 different proteins. RPL23A is a member of the L23P family of ribosomal proteins. It is located in the cytoplasm. Recombinant Human Ribosomal Protein L23A may be one of the target molecules involved in mediating growth inhibition. The corresponding protein binds to a specific site on the 26S rRNA in yeast.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

RPL23A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 179 amino acids (1-156 a.a) and having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

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of 20.1kDa.

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