
Product Data Sheet

Product Name: RPL5 Human
 Cat. No.: GP24410
 Batch No.: 1

Product Data

| | | | |
|---------------------|---|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | 60S ribosomal protein L5; RPL5; MSTP030; Ribosomal protein L5; DBA6; L5; MSTP030. | | |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MGSMGFVKV V KNKAYFKRYQ VKFRRRREGK TDYYARKRLV IQDKNKYNT P KYRMIVRV TN RDIICQIAYA RIEGDMIVCA AYAHEL PKYG VKVGLTNYAA AYCTG LLLAR RLLNRFGMDK IYEGQVEVTG DEYNVESIDG QPGAFTCYLD AGLARTTTGN KVFGALKGAV DGGLSIPHST KRFPGYDSES KEFNAEVHRK HIMGQNVADY MRYLMEEDED AYKKQFSQYI KNSVTPDMME EMYKKAHAAI RENPVYEKKP KKEVKKKRWN RPKMSLAQKK DRVAQKKASF LRAQERAAES. | | |
| Formulation | RPL5 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. | | |

Introduction

Ribosomal Protein L5, also known as RPL5 is a part of the ribosomal protein L18P family. RPL5 which binds 5S RNA is necessary for rRNA maturation and structure of the 60S ribosomal subunits.

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). Please avoid freeze thaw cycles.

Background

RPL5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 320 amino acids (1-297 a.a.) and having a molecular mass of 36.8kDa. RPL5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary

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

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chromatographic techniques.

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