

32-2794: RPL12 Recombinant Protein

Alternative Name : Ribosomal Protein L12,L12,60S ribosomal protein L12.

Description

Source : E.coli. RPL12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 188 amino acids (1-165 a.a) and having a molecular mass of 20.2kDa. RPL12 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Ribosomes, the organelles which catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are comprised of four RNA species and approximately 80 structurally distinct proteins. Ribosomal Protein L12 (RPL12) protein is a member of the L11P family of ribosomal proteins. RPL12 is a component of the 60S subunit, which is located in the cytoplasm. RPL12 binds directly to the 26S rRNA.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	RPL12 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHSSGLVPRGSH MGSMPKFDPNKVVYLRG TGGEVGATSA LPAKIGPLGL SPKKVGGDDIA KATGDWKGLR ITVKLTIQNR QAQIEVVPASALIKALKE PPRDRKKQKN IKHSGNITFD EIVNIARQMR HRSLARELSG TIKEILGTAQ SVGCNVDGRPHPHDIIDDINS GAVECPAS.