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32-4679: Recombinant Human Ribosomal Protein L8

Alternative Name : 60S ribosomal protein L8,RPL8,L8.

Description

Source : Escherichia Coli. RPL8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 277 amino acids (1-257 a.a) and having a molecular mass of 30.2kDa.RPL8 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 60S ribosomal protein L8 (RPL8) is a member of the ribosomal protein L2P family. Ribosomes consist of a small 40S subunit and a large 60S subunit. RPL8 is found in the cytoplasm and exists as a component of the 60S subunit where it is assumed to have role in aminoacyl-tRNA binding, specifically at the ribosomal subunit interface. In rats, the RPL8 protein connects with the 5.8S rRNA, and possibly participates in the binding of aminoacyl-tRNA, and is a component of the elongation factor 2-binding site at the ribosomal subunit interface.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	RPL8 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 50% glycerol, 300mM NaCl and 2mM EDTA.
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 :	MGSSHHHHHH SSGLVPRGSH MGRVIRGQRK GAGSVFRAHV KHRKGAARLR AVDFAERHGY IKGIVKDIIH DPGRGAPLAK VVFRDPYRFK KRTELFIAAE GIHTGQFVYC GKKAQLNIGN VLPVGTMPEG TIVCCLEEKP GDRGKLARAS GNYATVISHN PETKKTRVKL PSGSKKVISS ANRAVVGVVA GGGRIDKPIL KAGRAYHKYK AKRNCWPRVR GVAMNPVEHP FGGGNHQHIG KPSTIRRDAP AGRKVGLIAA RRTGRLRGTK TVQEKEN.

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