

## 32-4699: Recombinant Human Ribosomal Protein S7

**Alternative Name :** Ribosomal protein S7, DBA8, S7, 40S ribosomal protein S7.

### Description

Source : E.coli. RPS7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 218 amino acids (1-194 a.a.) and having a molecular mass of 24.7kDa. RPS7 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. RPS7 is a member of the S3P family of ribosomal proteins and is situated in the cytoplasm. RPS7 takes part in ribosomal stress, connecting ribosome biogenesis to cell death or cell cycle arrest. In addition, RPS7 cooperates with MDM2 and negatively regulate the MDM2-mediated degradation of p53.

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 10 µg  |
| <b>Purification :</b>      | Greater than 90% as determined by SDS-PAGE.  |
| <b>Content :</b>           | RPS7 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 30% glycerol.  |
| <b>Storage condition :</b> | 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.                     |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSGLVPRGSH MGSHEMFSSSA KIVKPNGEKP DEFESGISQA LLELEMNSDL KAQLRELNIT<br>AAKEIEVGGG RKAIIFVPV PQLKSFQKIQ VRLVRELEKK FSGKHVVVIA QRRILPKPTR KSRTKNKQKR<br>PRSRILTAVH DAILEDLVFP SEIVGKRIRV KLDGSRLIKV HLDKAQQNNV EHKVETFSGV YKKLTGKDVN<br>FEFPEFQL |