

## Replication Protein A2 Human Recombinant

<b>Item Number</b>	rAP-3734
<b>Synonyms</b>	Replication protein A 32 kDa subunit, RP-A p32, Replication factor A protein 2, RF-A protein 2, Replication protein A 34 kDa subunit, RP-A p34, RPA2, REPA2, RPA32, RPA34.
<b>Description</b>	RPA2 Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 293 amino acids (1-270 a.a.) and having a molecular mass of 31.7kDa. The RPA2 is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P15927
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSMWNSGFE SYGSSSYGGA GGYTQSPGGF GSPAPSQAEK KSRARAQHIV PCTISQLLSA TLVDEVFRIG NVEISQVTIV GIIRHAEKAP TNIVYKIDDM TAAPMDVRQW VDTDDTSSN TVVPPETYVK VAGHLRSFQN KKSFLVAFKIM PLEDMNEFTT HILEVINAHM VLS- KANSQPS AGRAPISNPG MSEAGNFGGN SFMPANGLTV AQNQVLNLIK ACPRPEGLNF QDLKNQLKHM SVSSIKQAVD FLSNEGHIYS TVDDDFHKST DAE.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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>Formulation and Purity</b>	The RPA2 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**