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DATA SHEET

Ribonuclease P/MRP 30kDa Subunit Human Recombinant

Item Number	rAP-1338
Synonyms	Ribonuclease P protein subunit p30, RNaseP protein p30, RNase P subunit 2, RPP30, RNASEP2, TSG15, FLJ38491, RP11-320F15.1.
Description	RPP30 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 291 amino acids (1-268 a.a.) and having a molecular mass of 31.8kDa. The RPP30 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P78346
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAVFADL DLRAGSDLKA LRGLVETAAH LGYSVVAINH IVDFKEKKQE IEKPVAVSEL FTTLPIVQGK SRPIKILTRL TIIVSDPSHC NVLRATSSRA RLYDVVAVFP KTEKLFHIAC THLDVDLVCI TVTEKLPFYF KRPPINVAID RGLAFELVYS PAIKDSTMRR YTISSALNLM QICKGKNVII SSAAERPLEI RGPYDVANLG LLFGLSESDA KAAVSTNCRA ALLHGETRKT AFGIISTVKK PRPSEGDEDC LPASKKAKCE G.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	The RPP30 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 5mM DTT, 200mM NaCl and 1mM EDTA. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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