

Processing Of Precursor 4 Human Recombinant

Item Number	rAP-4570
Synonyms	RPP29, Ribonuclease P protein subunit p29, hPOP4.
Description	POP4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 243 amino acids (1-220 a.a.) and having a molecular mass of 27.8kDa.POP4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O95707
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSMKSVIYH ALSQKEANDS DVQPSGAQRA EAFVRAFLKR STPRMSPQAR EDQLQRKAVV LEYFTRHKRK EKKKKAKGLS ARQRRELRLF DIKPEQQRYS LFLPLHELWK QYIRDLCSSL KPDTQPQMIQ AKLLKADLHG AII SVTKSKC PSYVGITGIL LQETKHIFKI ITKEDRLKVI PKLNCVFTVE TDGFISYIYG SKFQLRSSER SAKKFKAKGT IDL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	POP4 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M UREA & 10% glycerol. Greater than 85.0% 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**