Recombinant Human Ribonuclease P protein subunit p29 (POP4)

Product Code	CSB-EP018373HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95707
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MKSVIYHALS QKEANDSDVQ PSGAQRAEAF VRAFLKRSTP RMSPQAREDQ LQRKAVVLEY FTRHKRKEKK KKAKGLSARQ RRELRLFDIK PEQQRYSLFL PLHELWKQYI RDLCSGLKPD TQPQMIQAKL LKADLHGAII SVTKSKCPSY VGITGILLQE TKHIFKIITK EDRLKVIPKL NCVFTVETDG FISYIYGSKF QLRSSERSAK KFKAKGTIDL
Source	E.coli
Target Names	POP4
Protein Names	Recommended name: Ribonuclease P protein subunit p29 Short name= hPOP4 EC= 3.1.26.5
Expression Region	1-220
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene encodes one of the protein subunits of the small nucleolar ribonucleoprotein complexes: the endoribonuclease for mitochondrial RNA processing complex and the ribonuclease P complex. The encoded protein is localized to the nucleus and associates directly with the RNA component of these complexes. This protein is involved in processing of precursor RNAs. Alternative splicing results in multiple transcript variants.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.