Recombinant Ashbya gossypii 21S rRNA pseudouridine (2819) synthase (PUS5)

Product Code	CSB-BP751712DOT
Abbreviation	PUS5
Storage	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.
Uniprot No.	Q750S3
Product Type	Recombinant Protein
Immunogen Species	Ashbya gossypii (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (Eremothecium gossypii)
Purity	>85% (SDS-PAGE)
Sequence	MNRWAVPILH EHKHYYIVNK VHGIVCQPPD LRTWYKYHDY EPPVLLDLLR KQHPNFGGEV WRTVHRLDEP VTGGVLVSRN KRAAAMFSRS LALGGNRGFP LTRRYVALLA REAKGLPSEG RITMGDMITD YKRLENDLVL LQLQTGRKHQ IRKQMAQVFG QPVVNDKMYG GDSVDGIVDN LIGLHSAFIG AQCGLQARTY LIPIPRTQDA FKLWDKYIDE QGGFIPSVQK ELRDFSLPSK LENTITLLSG GQGGIQISYK
Source	Baculovirus
Target Names	PUS5
Protein Names	Recommended name: 21S rRNA pseudouridine(2819) synthase EC= 5.4.99.43 Alternative name(s): Pseudouridine synthase 5 Pseudouridylate synthase PUS5 Uracil hydrolyase PUS5
Expression Region	1-260
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
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.