Recombinant Human Heterogeneous nuclear ribonucleoprotein A0 (HNRNPA0)

Product Code	CSB-YP010599HU
Abbreviation	HNRNPA0
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.	Q13151
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MENSQLCKLF IGGLNVQTSE SGLRGHFEAF GTLTDCVVVV NPQTKRSRCF GFVTYSNVEE ADAAMAASPH AVDGNTVELK RAVSREDSAR PGAHAKVKKL FVGGLKGDVA EGDLIEHFSQ FGTVEKAEII ADKQSGKKRG FGFVYFQNHD AADKAAVVKF HPIQGHRVEV KKAVPKEDIY SGGGGGGSRS SRGGRGGRGR GGGRDQNGLS KGGGGGYNSY GGYGGGGGGG YNAYGGGGGG SSYGGSDYGN GFGGFGSYSQ HQSSYGPMKS GGGGGGGGSS WGGRSNSGPY RGGYGGGGGY GGSSF
Source	Yeast
Target Names	HNRNPA0
Protein Names	Recommended name: Heterogeneous nuclear ribonucleoprotein A0 Short name= hnRNP A0
Expression Region	1-305
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 belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. This protein has two repeats of quasi-RRM domains that bind RNAs, followed by a glycine-rich C-terminus.
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.