Recombinant Human Purine-rich element-binding protein gamma (PURG)

Product Code	CSB-EP891529HU-B
Abbreviation	PURG
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.	Q9UJV8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MERARRRGGG GGRGRGGKNV GGSGLSKSRL YPQAQHSHYP HYAASATPNQ AGGAAEIQEL ASKRVDIQKK RFYLDVKQSS RGRFLKIAEV WIGRGRQDNI RKSKLTLSLS VAAELKDCLG DFIEHYAHLG LKGHRQEHGH SKEQGSRRRQ KHSAPSPPVS VGSEEHPHSV LKTDYIERDN RKYYLDLKEN QRGRFLRIRQ TMMRGTGMIG YFGHSLGQEQ TIVLPAQGMI EFRDALVQLI EDYGEGDIEE RRGGDDDPLE LPEGTSFRVD NKRFYFDVGS NKYGIFLKVS EVRPPYRNTI TVPFKAWTRF GENFIKYEEE MRKICNSHKE KRMDGRKASG EEQECLD
Source	E.coli
Target Names	PURG
Protein Names	Recommended name: Purine-rich element-binding protein gamma
Expression Region	1-347
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	The exact function of this gene is not known, however, its encoded product is highly similar to purine-rich element binding protein A. The latter is a DNA-binding protein which binds preferentially to the single strand of the purine-rich element termed PUR, and has been implicated in the control of both DNA replication and transcription. This gene lies in close proximity to the Werner syndrome gene, but on the opposite strand, on chromosome 8p11. Two transcript variants encoding different isoforms have been found for this gene.
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.