



Recombinant Human Cleavage and polyadenylation specificity factor subunit 5 (NUDT21)

Product Code	CSB-EP016170HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43809
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SVVPPNRSQ TGWPRGVTQF GNKYIQQTKP LTLERTINLY PLTNYTFGTK EPLYEKDSSV AARFQRMREE FDKIGMRRTV EGVLIIVHEHR LPHVLLLQLG TFFFKLPGGE LNPGEDEVEG LKRLMTEILG RQDGVLDQWV IDDCIGNWWR PNFEPQYPY IPAHTKPKKE HKKLFLVQLQ EKALFAVPKN YKLVAAPLFE LYDNAPGYGP IISLPQLLS RFNFIYN
Source	E.coli
Target Names	NUDT21
Protein Names	Recommended name: Cleavage and polyadenylation specificity factor subunit 5 Alternative name(s): Cleavage and polyadenylation specificity factor 25 kDa subunit Short name= CFIm25 Short name= CPSF 25 kDa subunit Nucleoside diphosp
Expression Region	2-227
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 of Mature Protein
Target Details	This protein is one subunit of a cleavage factor required for 3 RNA cleavage and polyadenylation processing. The interaction of the protein with the RNA is one of the earliest steps in the assembly of the 3 end processing complex and facilitates the recruitment of other processing factors. This gene encodes the 25kD subunit of the protein complex, which is composed of four polypeptides.
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.