



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

<b>Product Code</b>	CSB-EP016170HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O43809
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SVVPPNRSQ TGWPRGVTQF GNKYIQQTKP LTLERTINLY PLTNYTFGTK EPLYEKDSSV AARFQRMREE FDKIGMRRTV EGVLIIVHEHR LPHVLLLQLG TFFFKLPGGE LNPGEDEVEG LKRLMTEILG RQDGVLDQWV IDDCIGNWWR PNFEPQYPY IPAHTKPKKE HKKLFLVQLQ EKALFAVPKN YKLVAAPLFE LYDNAPGYGP IISLPQLLS RFNFIYN
<b>Source</b>	E.coli
<b>Target Names</b>	NUDT21
<b>Protein Names</b>	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
<b>Expression Region</b>	2-227
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.