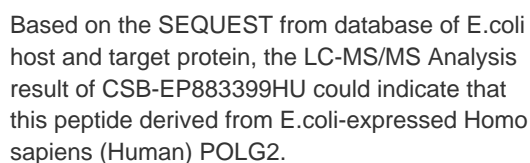
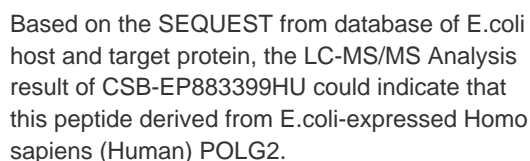
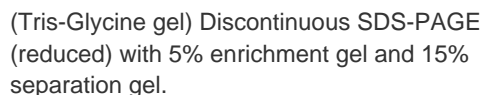




Recombinant Human DNA polymerase subunit gamma-2, mitochondrial (POLG2)

Product Code	CSB-EP883399HU
Relevance	Mitochondrial polymerase processivity subunit. Stimulates the polymerase and exonuclease activities, and increases the processivity of the enzyme. Binds to ss-DNA.
Abbreviation	Recombinant Human POLG2 protein
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.	Q9UHN1
Alias	DNA polymerase gamma accessory 55 kDa subunit ;p55Mitochondrial DNA polymerase accessory subunitMtPolBPoIG-beta
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MRSRVAVRACHKVCRCLLSGFGGRVDAGQPELLTERSSPKGGHVKSHAELE GNGEHPEAPGSGEGSEALLEICQRRHFLSGSKQQLSRDSLLSGCHPGFGPLG VELRKNLAAEWWTSVVVFREQVFPVDALHHKPGPLPGDSAFRLVSAETLREI LQDKELSKEQLVAFLENVLKTSGKLRENLLHGALEHYVNCCLDLVNRKLPYGLA QIGVCFHPVFDTKQIRNGVKSIGEKTEASLVWFTPPRTSNQWLDLFWLRHRLQ WWRKFAMSPSNFSSSDCQDEEGRKGNKLYNFPWGKELIETLWNLGDHELL HMYPGNVSKLHGRDGRKNVPCVLSVNGDLDRGMLAYLYDSFQLTENSFTR KKNLHRKVLKLHPCLAPIKVALDVGRGPTLELRQVCQGLFNELLENGISVWPG YLETMQSSLEQLYSKYDEMSILFTVLVTETTLENGLIHLRSRDTTMKEMMHISK LKDFLIKYISSAKNV
Research Area	Transcription
Source	E.coli
Target Names	POLG2
Expression Region	1-485aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	70.9kDa
Protein Length	Full Length
Image	



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.

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