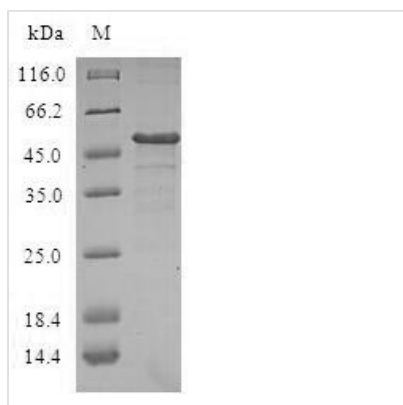




Recombinant Human Deoxycytidylate deaminase (DCTD)

Product Code	CSB-EP006563HU
Relevance	Supplies the nucleotide substrate for thymidylate synthetase.
Abbreviation	Recombinant Human DCTD 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.	P32321
Alias	dCMP deaminase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSEVSCKKRDDYLEWPEYFMAVAFLSAQRSKDPNSQVGACIVNSENKIVGIGY NGMPNGCSDDVLPWRRRTAENKLDTKYPYVCHAE LNAIMNKNLTDVKGCSMY VALFPCNECAKLIQAGIKEVIFMSDKYHDSDEATAARLLFNMAGVTFRK FIPKC SKIVIDFDSINSRPSQKLQ
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	DCTD
Protein Names	Recommended name: Deoxycytidylate deaminase EC= 3.5.4.12Alternative name(s): dCMP deaminase
Expression Region	1-178aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	47.0kDa
Protein Length	Full Length of BC001286
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.