



Recombinant Dictyostelium discoideum Cathepsin D (ctsD)

Product Code	CSB-EP006187DKK
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O76856
Product Type	Recombinant Protein
Immunogen Species	Dictyostelium discoideum (Slime mold)
Purity	>85% (SDS-PAGE)
Sequence	AG TTIPISDFED AQYYGAITIG TPGQAFKVVV DTGSSNLWIP SKKCPITVVA CDLHNKYNSG ASSTYVANGT DFTIQYGSGA MSGFVSQDSV TVGSLTVKDQ LFAEATAEPG IAFDFAKFDG ILGLAFQSIG VNSIPPVFYN MLSQGLVSST LFSFWLSRTP GANGGELSFG SIDNTKYTGD ITYVPLTNET YWEFVMDDFA IDGQSAGFCG TTCHAICDSG TSLIAGPMAD ITALNEKLG A VILNGEGVFS DCSVINTLPN VTITVAGREF VLTPKEYVLE VTEFGKTECL SGFMGIELNM GNFWILGDVF ISAYYTVFDF GNKQVGFATA IQG
Source	E.coli
Target Names	ctsD
Protein Names	Recommended name: Cathepsin D EC= 3.4.23.5 Alternative name(s): Ddp44
Expression Region	49-383
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
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.