



Recombinant *Arthroderma benhamiae* Probable aspartic-type endopeptidase CTSD (CTSD)

Product Code	CSB-EP516656DOM
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.	D4AZK1
Product Type	Recombinant Protein
Immunogen Species	<i>Arthroderma benhamiae</i> (strain ATCC MYA-4681 / CBS 112371) (Trichophyton mentagrophytes)
Purity	>85% (SDS-PAGE)
Sequence	FYPIKLPDF TKGIISHHGS VGRRFFTFPG LYKHAHTGST TLNIRRGPSN YRRDNNYPAQ IASPPTAPNT LGINNDGYDF SYFSEVKVGS EGQKMWMLID TGASGTWVFG SDCTSKACGR HNTFGKEDSK TIKVTDEKWG VTYGTGKVSG VIVNDTMSFA GFELVTPFGS ASTASDDFLN YPMDGILGIG PQDPNAKTPT VVQLLMQQKL LKSNVIGINL QRASEGATDG QITFGDIDKS KFSGELIYSN VVPNGYQWEI AMDDLIMDGK SLNLKGRGTGI IDTGTSFLIL PPADADLIHS MIPQADKGSF FYTLPCSTKV DIKLSIGGVE YTIQPDDYVG NETATKGTCN SLIVGRQILG PKQWLVDVDF LKNVYSVDFD DKNRVGLAAR KYAGTKNPPS STPSPGMFLL HAIHCQKTIS VLMLHIDPTS NKAPSGGSPG LPAESGSDST TNGEATNGAT SSPNS
Source	E.coli
Target Names	CTSD
Protein Names	Recommended name: Probable aspartic-type endopeptidase CTSD EC=3.4.23.-
Expression Region	22-485
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.