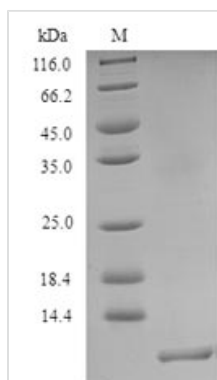




Recombinant Ophiostoma ulmi CeRato-ulmin (CU)

Product Code	CSB-YP313268OBS
Relevance	Has been implicated in the pathogenicity of this fungus on ELM. Accumulates at, and plugs intercellular openings in the xylem, or interacts with host parenchyma cells, thereby enhancing respiration and electrolyte loss.
Abbreviation	Recombinant Ophiostoma ulmi CeRato-ulmin 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.	Q06153
Alias	Dutch elm disease toxin
Product Type	Recombinant Protein
Immunogen Species	Ophiostoma ulmi (Dutch elm disease fungus)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	SDSYDPCTGLLQKSPQCCNTDILGVANLDCHGPPSVPTSPSQFQASCVADGG RSARCCTLSLLGLALVCTDPVGI
Research Area	Others
Source	Yeast
Target Names	CU
Protein Names	Recommended name: Cerato-ulmin Short name= CU Alternative name(s): Dutch elm disease toxin
Expression Region	26-100aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	9.6kDa
Protein Length	Full Length of Mature Protein
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.