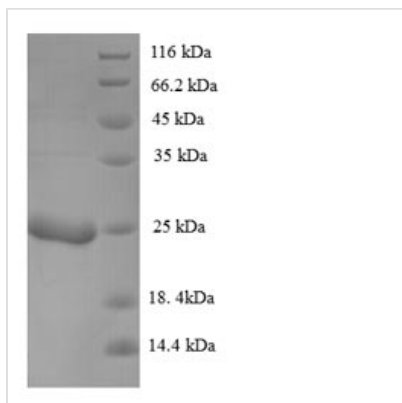




Recombinant Ustilago maydis P6 virus KP6 killer toxin, partial

Product Code	CSB-EP325875UBC
Relevance	This protein is lethal to sensitive cells of the same or related species. The KP6 alpha subunit is known to recognize some cellular receptors before interaction of the complex with KP6 beta, precipitating cell death.
Abbreviation	Recombinant Ustilago maydis P6 virus KP6 killer toxin protein, partial
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.	P16948
Product Type	Recombinant Protein
Immunogen Species	Ustilago maydis P6 virus (UmV6) (UmV-P6)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	NNAFCAGFGLSCKWECWCTAHGTGNELRYATAAGCGDHLSKSYDARAGH CLFSDDLNRNQFYSHCSSLNNNMSCRSL
Research Area	Others
Source	E.coli
Protein Names	Recommended name: KP6 killer toxin Alternative name(s): Killer protein 6 Cleaved into the following 2 chains: 1. KP6 killer toxin subunit alpha Alternative name(s): VP10 KP6 killer toxin subunit beta Alternative name(s): VP12.5
Expression Region	28-105aa
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	24.6kDa
Protein Length	Partial

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.