

Recombinant Ustilago maydis P6 virus KP6 killer toxin

Catalog No: #AP72908



Package Size: #AP72908-1 20ug #AP72908-2 100ug #AP72908-3 1mg

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Description

Product Name	Recombinant Ustilago maydis P6 virus KP6 killer toxin
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:28-105aaSequence Info:Full Length
Accession No.	P16948
Uniprot	P16948
Calculated MW	10.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	NNAFCAGFGLSCKWECWCTAHGTGNELRYATAAGCGDHLKSYYDARAGHCLFSDDLRNQFYSHCSSLNN NMSCRSLS
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Structure of Ustilago maydis killer toxin KP6 alpha-subunit. A multimeric assembly with a central pore.Li N., Erman M., Pangborn W., Duax W.L., Park C.M., Bruenn J., Ghosh D.J. Biol. Chem. 274:20425-20431(1999)Research Topic:Others

Note: This product is for in vitro research use only