

KP6 killer toxin Recombinant Protein | KP6 recombinant protein

Recombinant Ustilago maydis P6 virus KP6 killer toxin

CATALOG # AAA116092	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

KP6 killer toxin; Recombinant Ustilago maydis P6 virus KP6 killer toxin; KP6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	28-105aa; Partial
Sequence	NNAFCAGFGL SCKWECWCTA HGTGNELRYA TAAGCGDHLS KSYDARAGH CLFSDDLNRQ FYSHCSSLNN NMSCRSLS
Sequence Length	219
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for KP6 recombinant protein	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	Ustilago maydis KP6 killer toxin structure, expression in Saccharomyces cerevisiae, and relationship to other cellular toxins.Tao J., Ginsberg I., Banerjee N., Held W., Koltin Y., Bruenn J.A.Mol. Cell. Biol. 10:1373-1381(1990) Mutants of Ustilago maydis defective in production of one of two polypeptides of KP6 toxin from the preprotoxin.Tao J., Ginzberg I., Koltin Y., Bruenn J.A.Mol. Gen. Genet. 238:234-240(1993) 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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	125528
UniProt Accession #	P16948; Q02118; Q02120; Q08941
Molecular Weight	10.6 kDa
NCBI Official Full Name	KP6 killer toxin
UniProt Protein Name	KP6 killer toxin
UniProt Entry Name	KP6T_UMV6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/kp6-killer-toxin-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116092>