

Trichosanthes kirilowii Ribosome-inactivating protein alpha-trichosanthin Recombinant Protein | Alpha-TCS recombinant protein

Recombinant Trichosanthes kirilowii Ribosome-inactivating protein alpha-trichosanthin

CATALOG # AAA115091	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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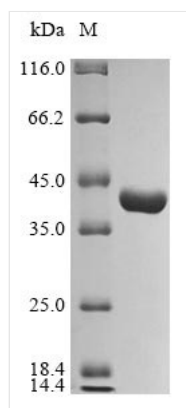
PRODUCT SYNONYMS

Trichosanthes kirilowii Ribosome-inactivating protein alpha-trichosanthin; Recombinant Trichosanthes kirilowii Ribosome-inactivating protein alpha-trichosanthin; Alpha-TCS 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	24-270aa; Full Length of Mature Protein
Sequence	DVSFRLSGAT SSSYGVFISN LRKALPNERK LYDIPLLRSS LPGSQRYALI HLTNYADETI SVAIDVTNVY IMGYRAGDTS YFFNEASATE AAKYVFKDAM RKVTLPSYSGN YERLQTAAGK IRENIPLGLP ALDSAITTLF YYNANSAASA LMLIQSTSE AARYKFIEQQ IGKRVDKTFL PSLAIISLEN SWSALSKQIQ IASTNNGQFE SPVVLINAQN QRVITITNVDA GVVTSNIAL LNRNNMA
Sequence Length	270
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-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 E Coli 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 E Coli 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 Alpha-TCS recombinant protein	Inactivates eukaryotic 60S ribosomal subunits.
References	Cloning of trichosanthin cDNA and its expression in Escherichia coli.Shaw P.C., Yung M.H., Zhu R.H., Ho W.K.K., Ng T.B., Yeung H.W.Gene 97:267-272(1991) Isolation and DNA sequence of a gene encoding alpha-trichosanthin, a type I ribosome-inactivating protein.Chow T., Feldman R.A., Lovett M., Piatak M.J. Biol. Chem. 265:8670-8674(1990) Primary amino acid sequence of alpha-trichosanthin and molecular models for abrin A-chain and alpha-trichosanthin.Collins E.J., Robertus J.D., Lopresti M., Stone K.L., Williams K.R., Wu P., Hwang K., Piatak M.J. Biol. Chem. 265:8665-8669(1990) Scientific evaluation of Tian Hua Fen (THF) history, chemistry and application.Wang Y., Qian R.Q., Gu Z.W., Jin S.W., Zhang L.Q., Xia Z.X., Tian G.Y., Ni C.Z.Pure Appl. Chem. 58:789-798(1986) Studies on crystal structures, active-centre geometry and depurinating mechanism of two ribosome-inactivating proteins.Huang Q., Liu S., Tang Y., Jin S., Wang Y.Biochem. J. 309:285-298(1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	132599
UniProt Accession #	P09989
Molecular Weight	29.1 kDa
NCBI Official Full Name	Ribosome-inactivating protein alpha-trichosanthin
UniProt Protein Name	Ribosome-inactivating protein alpha-trichosanthin
UniProt Gene Name	Alpha-TCS
UniProt Synonym Gene Names	Alpha-TCS
UniProt Entry Name	RIPT_TRIKI

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/alpha-tcs-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115091>