

Recombinant *Trichosanthes kirilowii* Ribosome-inactivating protein alpha-trichosanthin

Catalog No: #AP72965

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #AP72965-1 20ug #AP72965-2 100ug #AP72965-3 1mg

Description

Product Name	Recombinant <i>Trichosanthes kirilowii</i> Ribosome-inactivating protein alpha-trichosanthin
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-270aaSequence Info:Full Length
Other Names	rRNA N-glycosidase
Accession No.	P09989
Uniprot	P09989
Calculated MW	29.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DVSFRLSGATSSSYGVFISNLRKALPNERKLYDIPLLRSSLPGSQRYALIHLTNYADETISVAIDVTNVYIMGYRA GDTSYFFNEASATEAAKYVFKDAMRKVTLPYSGNYERLQTAAGKIRENIPLGLPALDSAITTLFYYNANSAASAL MVLIQSTSEAARYKFIEQQIGKRVDKTFPLSLAIISELSWSALSQKIQIASTNNGQFESPVVLINAQNQRVTITNV DAGVVTSNIALLLNRNMA
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

Inactivates eukaryotic 60S ribosomal subunits.

References

"Crystal structures of the complexes of trichosanthin with four substrate analogs and catalytic mechanism of RNA N-glycosidase."Gu Y.J., Xia Z.X.*Proteins* 39:37-46(2000) Research Topic:Others

Note: This product is for in vitro research use only