

Recombinant *Trichosanthes kirilowii* Ribosome-inactivating protein karasurin-C

Catalog No: #AP71034

Package Size: #AP71034-1 20ug #AP71034-2 100ug #AP71034-3 1mg

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

Description

Product Name	Recombinant <i>Trichosanthes kirilowii</i> Ribosome-inactivating protein karasurin-C
Host Species	<i>E. coli</i>
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:22-270aaSequence Info:Full Length
Accession No.	P24478
Calculated MW	43.4 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	EGDVSFRLSGATSSSYGVFISNLRKALPYERKLYDIPLLRSTLPGSQRYALIHLTNYADETISVAIDVTNVYVMG YRAGDTSYFFNEASATEAAKYVFKDAKRKVTLPYSGNYERLQIAAGKIRENIPLGLPALDSAITTLFYNNANSAA SALMVLQSTSEAARYKFIEQQIGKRVDKTFPLSLAIIISLENSWSALSQKIQIASTNNGQFETPVVLINAQNQRVTI TNVDAGVVTSNIALLLNRNNMA
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

Abortion-inducing protein. It inactivates eukaryotic 60S ribosomal subunits.

References

Cloning and bacterial expression of a gene encoding ribosome-inactivating proteins, karasurin-A and karasurin-C, from *Trichosanthes kirilowii* var. *japonica*. Mizukami H., Iida K., Kondo T., Ogihara Y. *Biol. Pharm. Bull.* 20:711-713(1997)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.