

Recombinant Silene chalcidonica Ribosome-inactivating protein lychnin

Catalog No: #AP70958

Package Size: #AP70958-1 20ug #AP70958-2 100ug #AP70958-3 1mg

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Description

Product Name	Recombinant Silene chalcidonica Ribosome-inactivating protein lychnin
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-234aaSequence Info:Full Length
Accession No.	P85101
Calculated MW	30.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	RPSWTVDSDSAKYSSFLDSLREEFGRGTPKVCNIPVTKKANNDKFVLVNLVLPFNRNTITLAFRASDAYLVGFQ DRDSKTNKLRANFFSDEYRALSGKYKSIFTDAEVLAPALPCASTYDLQNKAGVSREKLSLGVSSLQTAFTAVY GKVFTGKNVAKFALISIQMVAEAAARFKYIEDQVINRGMYSSEAGARITLLENNWSKISEQYHKSKLGGGQFT EEEMKLGLLLYN
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

Ribosome-inactivating protein of type 1, inhibits protein synthesis in animal cells. Inhibits cell-free translation in rabbit reticulocyte lysate system with an IC50 of 0.17 nM.

References

"Sequence determination of lychnin, a type 1 ribosome-inactivating protein from Lychnis chalcidonica seeds."

Chambery A., de Donato A., Bolognesi A., Polito L., Stirpe F., Parente A.

Biol. Chem. 387:1261-1266(2006)Research Topic:Others

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