

Recombinant Mouse Calcium,calmodulin-dependent protein kinase II inhibitor 1(Camk2n1)

Catalog No: #AP70110

Package Size: #AP70110-1 20ug #AP70110-2 100ug #AP70110-3 1mg

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Description

Product Name	Recombinant Mouse Calcium,calmodulin-dependent protein kinase II inhibitor 1(Camk2n1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-78aaSequence Info:Full Length
Other Names	calcium,calmodulin-dependent protein kinase II inhibitor alpha ;mCaMKIINalpha
Accession No.	Q6QWF9
Calculated MW	24.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MSEVLPYGDEKLSPYGDGGDVGQIFSCRLQDTNNFFGAGQSKRPPKLGQIGRSKRVVIEDDRIDDLVLTMTD KAPPGV
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

Potent and specific inhibitor of CaM-kinase II (CAMK2).

References

Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S. , Teague B., Potamiosis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009)Research Topic:Others

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