

Recombinant Human Alpha-synuclein(SNCA)

Catalog No: #AP70788

Package Size: #AP70788-1 20ug #AP70788-2 100ug #AP70788-3 1mg

Description

Product Name	Recombinant Human Alpha-synuclein(SNCA)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-140aaSequence Info:Full Length
Other Names	Non-A beta component of AD amyloidNon-A4 component of amyloid precursor ;NACP
Accession No.	P37840
Calculated MW	18.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MDVFMKGLSKAKEGVVAAAEKTKQGVAAEAGKTEGVLYVGSKTEGVVHGVATVAEKTKEQVTNVGGAVV TGVTAVAQKTVEGAGSIAAATGFVKKDLGKNEEGAPQEGILEDMPVDPDNEAYEMPSEEGYQDYEPEA
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

May be involved in the regulation of dopamine release and transport. Induces fibrillization of microtubule-associated protein tau. Reduces neuronal responsiveness to various apoptotic stimuli, leading to a decreased caspase-3 activation.

References

Molecular cloning of cDNA encoding an unrecognized component of amyloid in Alzheimer disease.Ueda K., Fukushima H., Masliah E., Xia Y., Iwai A., Yoshimoto M., Otero D.A., Kondo J., Ihara Y., Saitoh T.Proc. Natl. Acad. Sci. U.S.A. 90:11282-11286(1993)Research Topic:Neuroscience

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