

Recombinant Human Gamma-synuclein(SNCG)

Catalog No: #AP70791

Package Size: #AP70791-1 20ug #AP70791-2 100ug #AP70791-3 1mg

Description

Product Name	Recombinant Human Gamma-synuclein(SNCG)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-127aaSequence Info:Full Length
Other Names	Breast cancer-specific gene 1 protein;Persyn;Synoretin ;SR
Accession No.	O76070
Calculated MW	29.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MDVFKKGFSIAKEGVVGAVEKTKQGVTAAEKTKEGVMYVGAKTKENVVQSVTSVAEKTKEQANAVSEAVVS SVNTVATKTVEEAENIAVTSGVVRKEDLRPSAPQQEGEASKEKEEVAEEAQSGGD
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

Plays a role in neurofilament network integrity. May be involved in modulating axonal architecture during development and in the adult. In vitro, increases the susceptibility of neurofilament-H to calcium-dependent proteases . May also function in modulating the keratin network in skin. Activates the MAPK and Elk-1 signal transduction pathway .

References

Initial characterization of the human central proteome.Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuemmer T., Bennett K.L., Superti-Furga G., Colinge J.BMC Syst. Biol. 5:17-17(2011) Research Topic:Neuroscience

Published Papers

el at., A microRNA Cluster Controls Fat Cell Differentiation and Adipose Tissue Expansion By Regulating SNCG. In Adv Sci (Weinh) on 2022 Feb by Ruth Rodr guez-Barrueco, Jessica Latorre, et al..PMID: 34898027, , (2022)

[PMID:34898027](https://pubmed.ncbi.nlm.nih.gov/34898027/)

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