

Gamma Synuclein Protein

Active Mouse Recombinant Gamma Synuclein
Protein Monomer
Catalog No. SPR-408



Discovery through partnership | Excellence through quality

Product Name

Gamma Synuclein Protein

EAGLE BIOSCIENCES, INC.
20A NW BLVD, SUITE 112 NASHUA, NH 03063
P: 617-419-2019 F: 617-419-1110
WWW.EAGLEBIO.COM — INFO@EAGLEBIO.COM



EAGLE
BIOSCIENCES

Description

Active Mouse Recombinant Gamma Synuclein Protein Monomer

Applications

WB, SDS-PAGE, In vivo assay, In vitro assay

Concentration

Lot/batch specific. See included datasheet.

Conjugates

No tag

Nature

Recombinant

Species

Mouse

Expression System

E. coli

Purity

>95%

Protein Length

Full Length

Field Of Use

Not for use in humans. Not for use in diagnostics or therapeutics. For research use only.

Properties

Storage Buffer

PBS pH 7.4

Storage Temperature

-80°C

Shipping Temperature

Dry Ice. Shipping note: Product will be shipped separately from other products purchased in the same order.

Purification

Ion-exchange Purified

Specificity

13.16 kDa

Cite This Product

Mouse Recombinant Gamma Synuclein Protein (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPR-408)

Certificate Of Analysis

Certified >95% pure using SDS-PAGE analysis.

Biological Description

Alternative Names

BCSG1 Protein Monomer, Breast cancer specific gene 1 Protein Monomer, Breast cancer specific Protein 1 Monomer, Gamma-synuclein Protein Monomer, Persyn Protein Monomer, PRSN Protein Monomer, SNCG Protein Monomer, SR Protein Monomer, Synoretin Protein Monomer, Synuclein gamma Protein Monomer, SYUG_Mouse Protein Monomer

Research Areas

Alzheimer's Disease, Neurodegeneration, Neuroscience, Parkinson's Disease, Synuclein, Tangles & Tau

Cellular Localization

Centrosome, Cytoskeleton, Perinuclear Region, Spindle

Accession Number

NP_035560.1

Gene ID

20618

Swiss Prot

Q9Z0F7

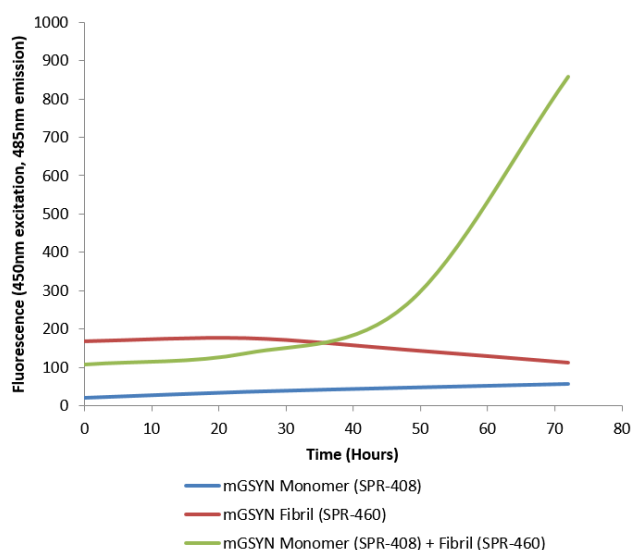
Scientific Background

Gamma synuclein is a neuronal protein found in peripheral and motor nerve systems. It has been implicated in the hippocampal axon pathology in Parkinson's Disease (1). A change in the expression of gamma synuclein has been observed in the retina of patients with Alzheimer's disease (2). Its expression in breast tumors is also a marker for tumor progression (3).

References

1. Nishioka K., et al. (2010) Arch Neurol. 67(8): 970-975. 2. Surgucheva I., Newell K.L., Burns J., Surguchov A. (2014) Acta Neuropathol Commun. 2: 132. 3. Bruening. W., et al. (2000) Cancer. 88(9): 2154-2163. 4. Mukaetova-Ladinska E.B., et al. (2008) Dement Geriatr Cogn Disord. 26(1): 32-42.

Product Images



Thioflavin T is a fluorescent dye that binds to beta sheet-rich structures, such as those in gamma synuclein fibrils. Increased fluorescence (correlated to gamma synuclein fibrillization) is seen when mouse gamma synuclein monomer (SPR-408) is combined with mouse gamma synuclein PFFs (SPR-460)

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.