

Product information

γ -Synuclein, 1-127 aa

Human, Recombinant, *E.coli*

Cat. No. IBSNG2001

Full name: Synuclein, gamma (breast cancer-specific protein 1)

NCBI Accession No.: NP_003078

Synonyms: SNCG, BCSG1, SR

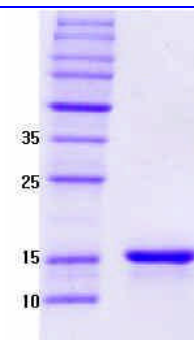
Description: γ -Synuclein(Originally known as a breast cancer specific gene product, BCSG1) is an acidic neuronal protein of 127 amino acids. The protein coding region of γ -Synuclein was amplified by RT-PCR and cloned into an *E.coli* expression vector. γ -Synuclein was overexpressed in *E. coli* and purified to apparent homogeneity by taking advantage of the thermosolubility of the protein and by using conventional column chromatography techniques.

Form: Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 100 mM NaCl

Molecular Weight: 13.3 kDa (127 aa) , confirmed by MALDI-TOF
(molecular size on SDS-PAGE will appear higher)

Purity: > 95% by SDS - PAGE

Concentration: 1 mg/ml (determined by BCA assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MDVFKKGFSL AKEGVVGAVE KTKQGVTEAA EKTKEGVMYV GAKTKENVVQ SVTSVAEKTQ EQANAVSEAV VSSVNTVATK TVEEAENIAV
TSGVVRKEDL RPSAPQQEGV ASKEKEEVAE EAQSGGD

General references:

Ji H., *et al.* (1997) *Cancer Res.* 57(4):759-64.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.