

## Recombinant Rat Sncg protein, His-tagged

**Cat. No.** Sncg-4565R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Rat Sncg protein(Q63544)(1-123aa), fused to N-terminal His tag, was expressed in E. coli.  |
| <b>Species</b>          | Rat  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 1-123aa  |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 17.1 kDa   |
| <b>AA Sequence</b>      | MDVFKKGFISIAREGVVGAVEKTKQGVTEAAEKTKEGVMYVGTKTKGERGTSVTSVA<br>EKTKEQANAVSEAVVSSVNTVATKTVEEAENIVVTTGVVRKEDLEPPAQDQEAEQ<br>EEGEEAKSGGD  |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.  |
| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.   |
| <b>Reconstitution</b>   | Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0  |

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mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | Sncg synuclein, gamma (breast cancer-specific protein 1) [ Rattus norvegicus ]                                |
| <b>Official Symbol</b> | Sncg  |
| <b>Synonyms</b>        | SNCG; synuclein, gamma (breast cancer-specific protein 1); gamma-synuclein; persyn; sensory neuron synuclein; |
| <b>Gene ID</b>         | 64347   |
| <b>mRNA Refseq</b>     | NM_031688   |
| <b>Protein Refseq</b>  | NP_113876   |

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