

## Recombinant *C.elegans* SNAP25 protein, Tag Free

Cat. No. SNAP25-09C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	SNAP-25 gene was amplified by PCR from <i>C. elegans</i> and cloned into an <i>E. coli</i> expression vector. SNAP-25 was purified by using conventional chromatography techniques.
<b>Species</b>	<i>C.elegans</i>
<b>Source</b>	<i>E.coli</i>
<b>ProteinLength</b>	1-207 aa
<b>Description</b>	SNAP-25 is a presynaptic plasma membrane protein essential for synaptic vesicle fusion and neurotransmitter release. The membrane proteins SNAP-25, synaptobrevin and syntaxin make up the core complex (SNARE) essential for docking and holding synaptic vesicles at the pre synaptic membrane.
<b>Form</b>	Liquid
<b>AASequence</b>	MSGDDDIPEGLEAINLKMNATTDDSLSTRMLALCEESKEAGIKTLVMLDDQGEQL ERCEGALDTINQDMKEAEDHLKGMKCCGLCVLPWNKTDDFEKTEFAKAWKKDDD GGVISDQPRITVGDSSMGPQGGYITKITNDAREDEMDENVQQVSTMVGNLRNMAID MSTEVSNNQRQLDRIHDKAQSNEVRVESANKRAKNLITK
<b>Molecular Mass</b>	23 kDa
<b>Purity</b>	> 95% by SDS-PAGE

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<b>Application</b>	SDS-PAGE
<b>Storage</b>	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	20mM Tris-HCl buffer (pH 7.5) containing 50mM NaCl, 5m MDTT, 1mM EDTA, 10%glycerol
<b>Concentration</b>	1 mg/mL
<b>Reference</b>	1. Saifee O., et al. (1998) Mol.Biol.Cell 9(6):1235-52. 2. Yang Y., et al. (2000) . 275(38):29482-7.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ric-4 Synaptosomal-associated protein [ Caenorhabditis elegans ]</a>
<b>Official Symbol</b>	<a href="#">ric-4</a>
<b>Synonyms</b>	ric-4; Synaptosomal-associated protein; Synaptosomal-associated protein; Confirmed by transcript evidence; Confirmed by transcript evidence; SNAP25
<b>Gene ID</b>	<a href="#">179427</a>
<b>mRNA Refseq</b>	<a href="#">NM_073240</a>
<b>Protein Refseq</b>	<a href="#">NP_505641</a>
<b>UniProt ID</b>	<a href="#">O62414</a>

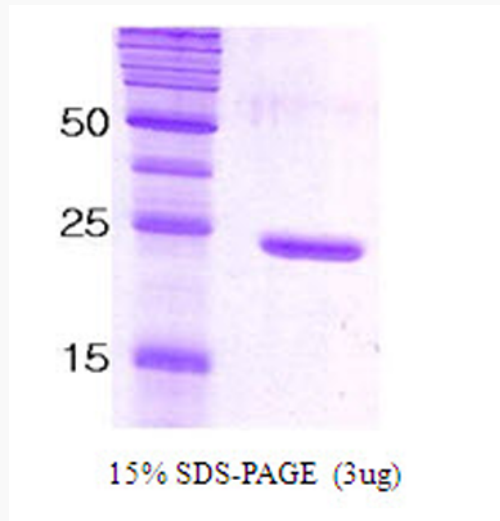
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SDS-PAGE



3  $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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