

Recombinant C.elegans SNAP25 protein, Tag Free

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

SPECIFICATION

Product Overview	SNAP-25 gene was amplified by PCR from C. elegans and cloned into an E. coli expression vector. SNAP-25 was purified by using conventional chromatography techniques.
Species	C.elegans
Source	E.coli
ProteinLength	1-207 aa
Description	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.
Form	Liquid
AASequences	MSGDDDDIPEGLEAINLKMNATTDDSLSTRMLALCEESKEAGIKTLVMLDDQGEQL ERCEGALDTINQDMKEAEDHLKGMEKCCGLCVLPWNKTDDFEKTEFAKAWKKDDDD GGVISDQPRITVGDSSMGPQGGYITKITNDAREDEMDENVQQVSTMVGNLRNMAID MSTEVSQNQRQLDRIHDKAQSNEVRVESANKRAKNLITK
Molecular Mass	23 kDa
Purity	> 95% by SDS-PAGE

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Application	SDS-PAGE
Storage	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.
Storage Buffer	20mM Tris-HCl buffer (pH 7.5) containing 50mM NaCl, 5m MDTT, 1mM EDTA, 10%glycerol
Concentration	1 mg/mL
Reference	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

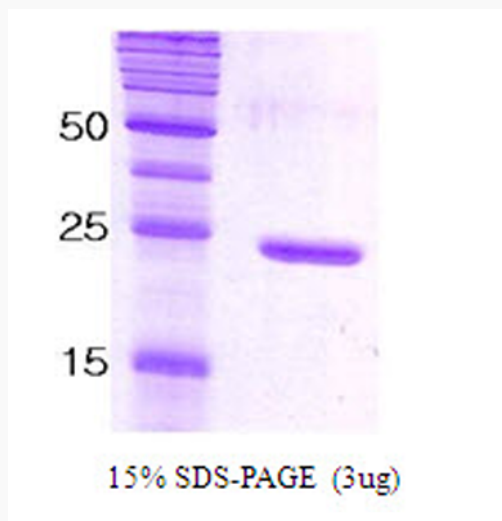
Gene Name	ric-4 Synaptosomal-associated protein [Caenorhabditis elegans]
Official Symbol	ric-4
Synonyms	ric-4; Synaptosomal-associated protein; Synaptosomal-associated protein; Confirmed by transcript evidence; Confirmed by transcript evidence; SNAP25
Gene ID	179427
mRNA Refseq	NM_073240
Protein Refseq	NP_505641
UniProt ID	O62414

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SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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