



# Recombinant Rabbit Synaptosomal-associated protein 25 (SNAP25)

<b>Product Code</b>	CSB-YP021873RB
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P55820
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Oryctolagus cuniculus (Rabbit)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MLQLVEESSK DAGIRXLVML DEQGEQLERV VDEREQMAIS GGFIRIMEKM LGSG
<b>Source</b>	Yeast
<b>Target Names</b>	SNAP25
<b>Protein Names</b>	Recommended name: Synaptosomal-associated protein 25 Short name= SNAP-25 Alternative name(s): Super protein Short name= SUP Synaptosomal-associated 25 kDa protein
<b>Expression Region</b>	1-54
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	Synaptic vesicle membrane docking and fusion is mediated by SNAREs (soluble N-ethylmaleimide-sensitive factor attachment protein receptors) located on the vesicle membrane (v-SNAREs) and the target membrane (t-SNAREs). The assembled v-SNARE/t-SNARE complex consists of a bundle of four helices, one of which is supplied by v-SNARE and the other three by t-SNARE. For t-SNAREs on the plasma membrane, the protein syntaxin supplies one helix and This protein contributes the other two. Therefore, this gene product is a presynaptic plasma membrane protein involved in the regulation of neurotransmitter release. Two alternative transcript variants encoding different protein isoforms have been described for this gene.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.