

# Recombinant Full Length Human Synaptosomal-associated Protein, 23kDa/SNAP23 Protein

**Cat. No.** SNAP23-303H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant SNAP23 protein was expressed in E.coli and purified by using conventional chromatography techniques (211 aa, 23.3 kDa).                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 1-211 a.a.                                                                                                                                                                                                                                                |
| <b>Description</b>      | SNAP23, a non-neuronal SNAP25 homologue, is a target SNARE ubiquitously expressed on the plasma membrane and other intracellular membranes. SNAP23 is widely believed to involve in exocytotic membrane fusion in most cells that do not express SNAP-25. |
| <b>Formulation</b>      | Liquid. In 20 mM Tris-HCl buffer (pH 8.0).                                                                                                                                                                                                                |
| <b>Molecular Weight</b> | 23.3 kDa (211 aa).                                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 90% by SDS – PAGE.                                                                                                                                                                                                                                      |
| <b>Concentration</b>    | 1 mg/ml (determined by Bradford assay).                                                                                                                                                                                                                   |
| <b>Sequence</b>         | MDNLSSEIIQ QRAHQITDES LESTRRILGL AIESQDAGIK TITMLDEQKE<br>QLNRIEEGLD QINKDMRETE KTLTELNKCC GLCVCPCNRT KNFESGKAYK                                                                                                                                          |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TTWGDGGENS PCNVVSKQPG PVTNGQLQQP TTGAASGGYI KRITNDARED  
EMEENLTQVG SILGNLKDMA LNIGNEIDAQ NPQIKRITDK ADTNRDRIDI  
ANARAKKLID S

**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.

**GENE INFORMATION**
**Gene Name**

[SNAP23](#)

**Synonyms**

SNAP23; synaptosomal-associated protein, 23kDa; SNAP23A; SNAP23B; HsT17016; SNAP-23; OTTHUMP00000161263; Vesicle-membrane fusion protein SNAP-23; synaptosomal-associated protein 23; synaptosomal-associated protein, 23kD; synaptosomal-associated protein, 23kDa.

**Gene ID**

[8773](#)

**mRNA Refseq**

[NM\\_003825.2](#)

**Protein Refseq**

[NP\\_003816.2](#)

**MIM**

[602534](#)

**UniProt ID**

[O00161](#)

**Chromosome  
Location**

15q15.1-q15.2

**Pathway**

SNARE interactions in vesicular transport; Membrane Trafficking.

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**Function**

protein binding.

PDBrendering based  
on 1nhl. Available  
structures: 1nhl.



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