

# 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 QLNRIEEGLD QINKDMRETE KTLTELNKCC GLCVPCNRT KNFESGKAYK

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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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