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

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

SPECIFICATION

Product Overview	Recombinant SNAP23 protein was expressed in E.coli and purified by using conventional chromatography techniques (211 aa, 23.3 kDa).
Species	Human
Source	E.coli
ProteinLength	1-211 a.a.
Description	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.
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 8.0).
Molecular Weight	23.3 kDa (211 aa).
Purity	> 90% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequence	MDNLSSEEIQ QRAHQITDES LESTRRILGL AIESQDAGIK TITMLDEQKE QLNRIEEGLD QINKDMRETE KTLTELNKCC GLCVCPCNRT KNFESGKAYK

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