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# Recombinant Human SNAP23 protein (His tag)

Catalog Number:PDEH100327



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

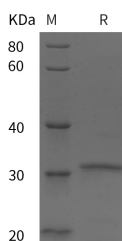
## Description

<b>Synonyms</b>	Synaptosomal-associated protein 23;SNAP23;SNAP-23;Vesicle-membrane fusion protein SNAP-23
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met 1-Ser 211
<b>Accession</b>	O00161
<b>Calculated Molecular Weight</b>	23.1 kDa
<b>Observed molecular weight</b>	31 kDa
<b>Tag</b>	N-His & C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

SNAP23 (Synaptosomal associated protein 23; also Syndet) is a membrane-associated 23?29 kDa member of the SNAP25 family of proteins. It is expressed in multiple cell types, including neutrophils, platelets, mast cells and adipocytes. SNAP23 is involved in vesicle exocytosis. It has been proposed that SNAP23 can associate with both vesicle and target (cell) membranes via a lipid modification. As a v-SNARE, it may interact with syntaxin-6 at the cell membrane. As a t-SNARE, in conjunction with syntaxin-4, it likely interacts with VAMP-2 and -8 on the vesicle membrane. In either case, this approximates two membranes, which subsequently fuse to create a pore.

## For Research Use Only

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