



## Membrane Product Data Sheet [BSEP-Sf9-VT]

<b>Catalogue number:</b>	SB-BSEP-Sf9-VT	
<b>Description:</b>	Isolated Sf9 cell membranes, containing human BSEP	
<b>Date of production (dd.mmm.yyyy):</b>	<input type="text"/>	
<b>Expiry date (dd.mmm.yyyy):</b>	<input type="text"/>	when stored at $-80\text{ }^{\circ}\text{C}$
<b>Packaging:</b>	1 tube containing membrane suspended in 10 mM Hepes-Tris, 100 mM $\text{KNO}_3$ , 50 mM sucrose (pH 7.4)	
<b>Total volume:</b>	500 $\mu\text{l}$	
<b>Protein concentration:</b>	5 mg/ml	
<b>Total protein:</b>	2.5 mg	
	<b>Normal range:</b>	<b>Specific activity:</b>
<b>ATP dependent <math>^3\text{H-TC}</math> transport [pmol/mg/min]</b>	25-45	<input type="text"/>
<b>Intended use:</b>	for vesicular transport assay only	

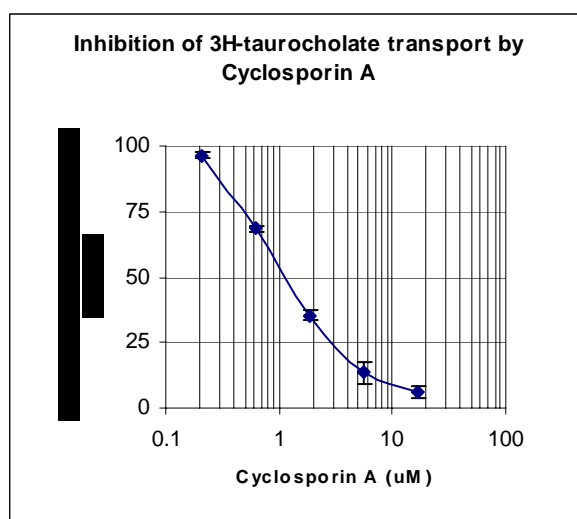
### Methods:

Protein concentrations were determined using the BCA assay. ATP dependent  $^3\text{H-TC}$  transport was determined as described in the assay protocol (drug free control).

### Storage and handling:

- Store at  $-80\text{ }^{\circ}\text{C}$ .
- Thaw membranes in a water bath at  $25\text{ }^{\circ}\text{C}$ , then store on ice until use.
- The vesicular structure of the membrane preparation might be destroyed upon freezing and thawing. If you are using a membrane stock that has been thawed and frozen always include membrane validation in your assay (drug free control – see assay protocol for details).

**Note:** We strongly recommend using SB-defMRP-Sf9-CTRL VT/ATPase as a transporter negative control.



Validated by:

Date: