



GenoMembrane

501 Leading Venture Plaza  
75-1 Ono, Tsurumi, Yokohama  
2300046 JAPAN  
Phone : 81-45-508-2326  
Fax : 81-45-505-548-3009  
<http://www.genomembrane.com>

**Data Sheet**

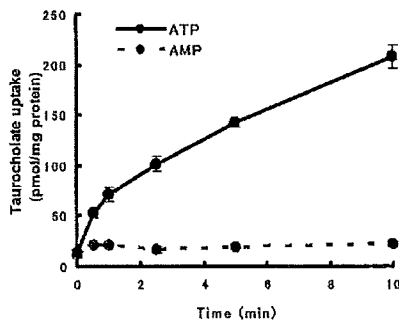
**Human BSEP(ABCB11)**

Catalog Number ..... GM0005  
Lot Number ..... 1012M  
Storage Condition ..... -80 °C  
Protein Concentration: 5mg/ml in TEMP solution\* (Protein concentration was determined by BCA protein assay using BSA as standard protein)  
Total Volume ..... 500 µl (Total Protein: 2.5 mg)  
Expiration Date ..... October 20<sup>th</sup>, 2013  
Intended Use ..... For vesicular transport assay only.

This product is prepared from purified plasma membranes isolated from an insect cell system (Sf9 cells infected with baculovirus) expressing human BSEP.

**\*TEMP Solution**  
50mM ..... Hepes-Tris (pH 7.4)  
100mM ..... KNO<sub>3</sub>  
50mM ..... Sucrose  
8µg/ml ..... Aprotinin  
10µg/ml ..... Leupeptin  
2mM ..... DTT

- **Transport Activity**  
The following data shows a time-dependent uptake for Taurocholate as RI-labeled substrate.



Reference Substrate (concentration): [<sup>3</sup>H] Taurocholate (2 µM)  
ATP-dependent Taurocholate uptake: 34 pmol / mg protein / min

- **Note**
  - Thaw vesicles rapidly at 37 °C. Place on ice until use.
  - It is recommended for reliable and reproducible data to minimize freeze/thaw cycle by dividing aliquot to small portions.



THIS PRODUCT IS SUPPLIED FOR LABORATORY RESEARCH USE ONLY.

4/11/12

前田 都