



GenoMembrane

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Data Sheet

Human MRP4

Catalog Number GM0012

Lot Number ASH9G22

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 January 31st, 2014

Intended Use For vesicular transport assay only

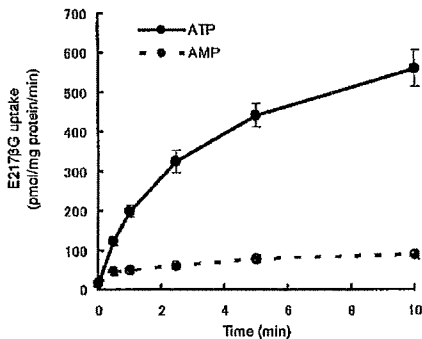
This product is prepared from purified plasma membranes isolated from an insect cell system (Sf9 cells infected with baculovirus) expressing human MRP4.

***TEMP Solution**

- 50mM Tris-HCl (pH 7.0)
- 50mM Mannitol
- 2mM EGTA
- 8µg/ml Aprotinin
- 10µg/ml Leupeptin
- 2mM DTT

• **Transport Activity**

The following data shows a time-dependent uptake for E₂-17βG as RI-labeled substrate.



Reference Substrate (concentration):

[³H] Estradiol-17-β-D-glucuronide (10 µM)

ATP-dependent E₂ 17βG uptake:

106 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.

Y. O. S.

4/11/12