

Human MRP3 (ABCC3)

Catalog Number.....GM0021
 Lot Number 1004M
 Storage Condition -80°C
 Protein Concentration 5 mg/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 2013/Aug. 27th
 Intended Use For vesicular transport assay only

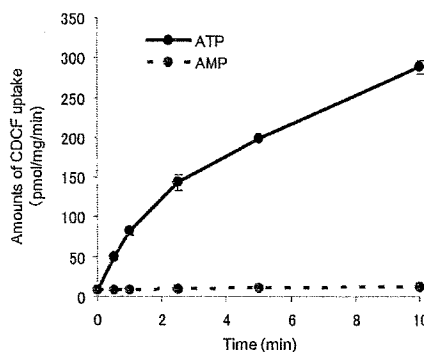
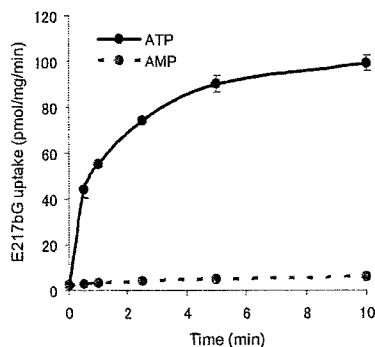
This product is prepared from purified plasma membranes isolated from an insect cell system (Sf9 cells infected with baculovirus) expressing human MRP3.

*** TEMP solution**

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

• Transport activity

The following data show each time-dependent uptake for E₂-17βG as RI-labeled substrate and CDCF as fluorescent substrate.



Reference substrate (concentration) : [³H] Estradiol-17-β-D-glucuronide (1 µM)
 5-(and-6)-carboxy-2',7'-dichlorofluorescein (CDCF) (5 µM)

ATP-dependent E₂17βG uptake : 82 pmol / min / mg protein

ATP-dependent CDCF uptake : 74 pmol / min / mg protein

• 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.

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