

Data Sheet

Human MRP8

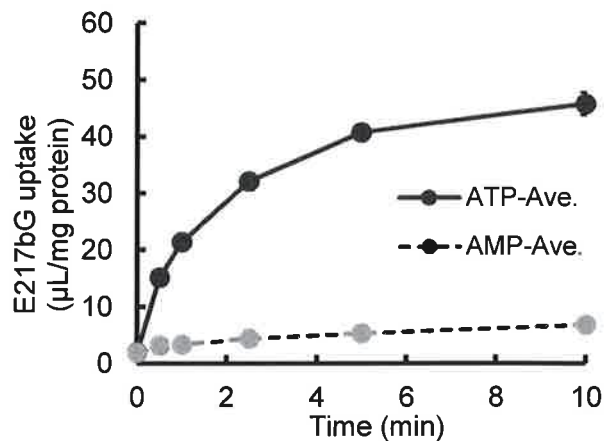
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|------------------------------|---|
| Catalog Number | : GM0013 |
| Lot Number | : KS11G03 |
| Storage Condition | : -80 °C |
| Protein Concentration | : 5 mg/ml in TEMP solution* (Protein concentration was determined by BCA protein assay using BSA as standard protein) |
| Total Volume | : 500 µl (Total Protein: 2.5 mg) |
| Expiration Date | : April 2 nd , 2023 |
| Applicable 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 MRP8.

| | | |
|-----------------------|----------|------------------|
| *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 shows time-dependent uptake for E2-17βG as RI-labeled substrate.



| Substrate (Concentration) | ATP-dependent Uptake |
|--|-----------------------------|
| [3H] Estradiol-17β-D-glucuronide (10 µM) | 18 µL/mg protein/min |

● **Note**

- Thaw vesicles rapidly at 37 °C. Place on ice and must be used within 2 hours after thawing.
- It is recommended for reliable and reproducible data to minimize freeze/thaw cycle by dividing aliquot to small portions.

● **Caution!**

- **THIS PRODUCT IS FOR LABORATORY RESEARCH USE ONLY.**



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