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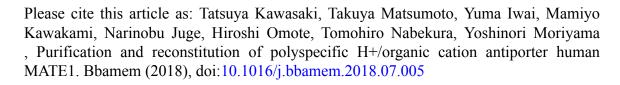
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## **ACCEPTED MANUSCRIPT**

# Purification and reconstitution of polyspecific $\mathbf{H}^+\!/\!\mathrm{organic}$ cation antiporter human MATE1

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**Keywords:** Multidrug and toxic compound extrusion; organic cation transporter; purification; reconstitution

Abbreviations: MATE, multidrug and toxin extrusion; hMATE1, human MATE1; TEA, tetraethyl ammonium; PQ, paraquat; OC, organic cation; DDTM, n-dodecyl- $\beta$ -D-thiomaltopyranoside; transmembrane helix, TM.

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