Supporting Information

A New Magnetic Topological Quantum Material Candidate by Design

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Fig. S1. (A) The field-dependence of ρ_{xx} for various temperatures (2 K, 5 K, 10 K, 15 K, 25 K, 40 K & 70 K) on sweeping applied field from 9 T to -9 T for sample #2. **(B)** The magnetoresistance at the above temperatures normalized to the values at 0 applied magnetic field for sample #2.

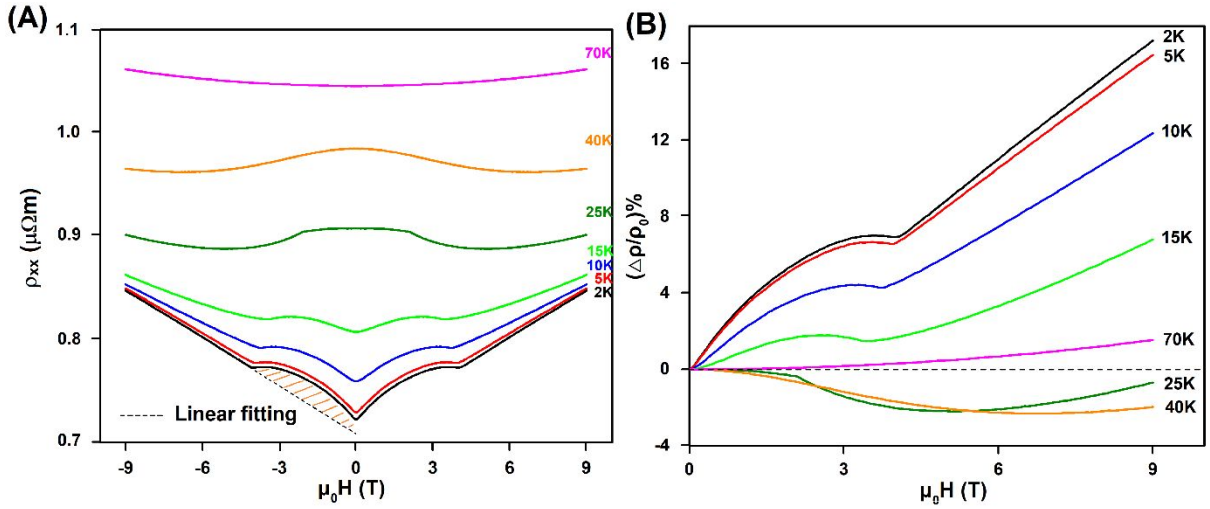

Fig. S2. The first Brillouin zone of the rhombohedral lattice with the high symmetry momentum points marked (Γ-M-K).