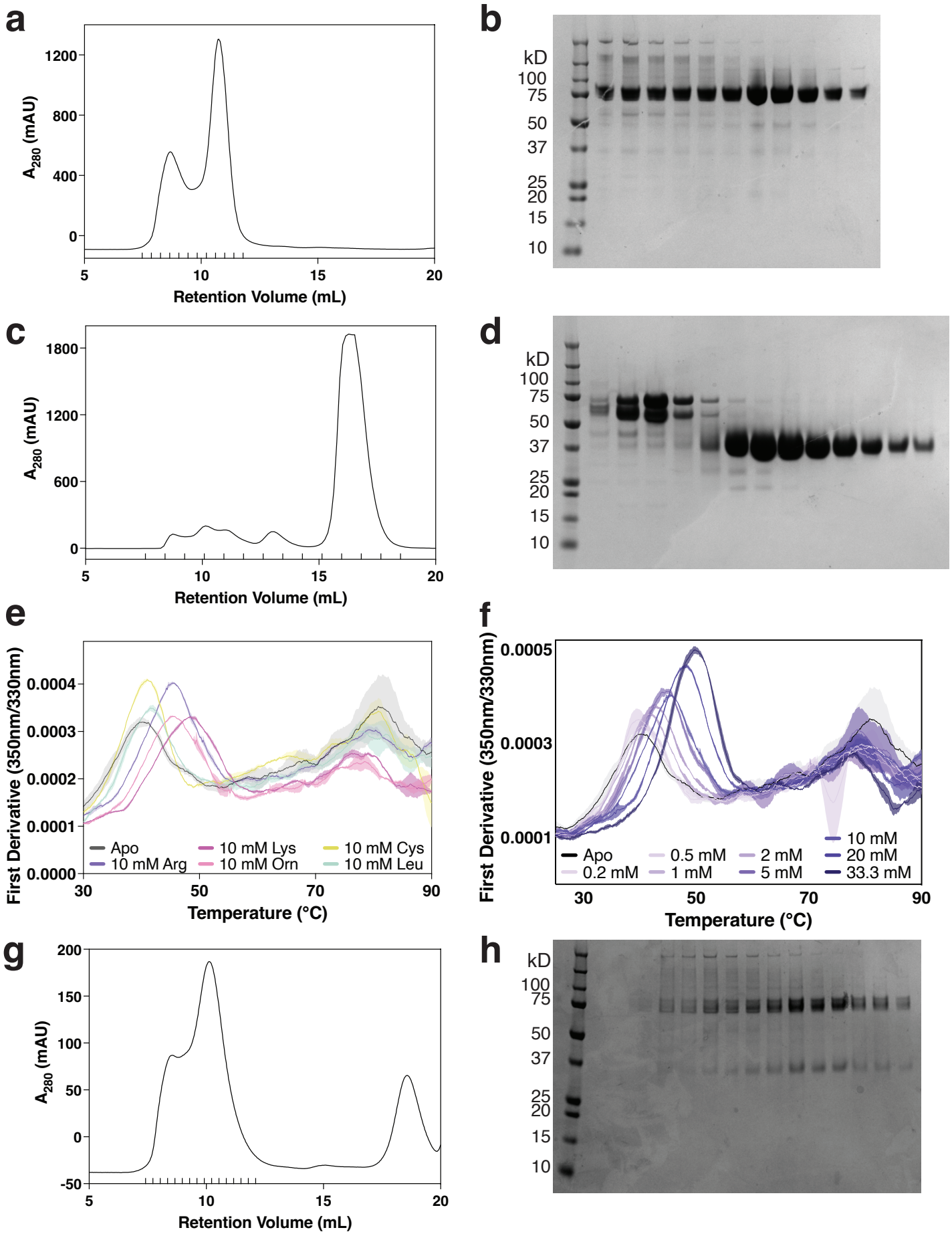

Extended Data Figure 1. Purification of MmCAT1, FrMLV-RBD, and MmCAT1:FrMLV-RBD complex. Purification of MmCAT1 by (**a**) preparative size-exclusion chromatography of MmCAT1 on a Superdex 200 Increase 10/300 GL column and (**b**) representative SDS-PAGE of MmCAT1 purification from 10 biological replicates. Purification of FrMLV-RBD by (**c**) preparative size-exclusion chromatography of MmCAT1 on a Superdex 200 Increase 10/300 GL column and (**d**) representative SDS-PAGE of MmCAT1 purification from 10 biological replicates. NanoDSF of MmCAT1 with (**e**) various amino acids and (**f**) various concentrations of arginine. Purification of MmCAT1:FrMLV-RBD by (**g**) preparative size-exclusion chromatography of MmCAT1 on a Superdex 200 Increase 10/300 GL column and (**h**) representative SDS-PAGE of MmCAT1 purification from 10 biological replicates.