



Figure 1. Feasibility of determining the structure of hDGAT1 by Cryo-EM. **a.** A representative micrograph of hDGAT1 (left), its Fourier transform (right) and representative 2D class averages (middle). Representative particles are highlighted in red circles with a diameter of 200 Å. **b-c.** A flowchart for data processing and the final map of hDGAT1. **d.** The gold-standard Fourier shell correlation curve for the final map shown in **c**. **e.** Fourier shell correlation curves of the atomic model of hDGAT1 versus the full map and individual half maps. **f.** Local resolution map of hDGAT1 shown in two orientations.