

PE-CONJUGATED HUMAN GPRC5D PROTEIN**Cat.#:** 12235**Product Name:** PE-Conjugated Human GPRC5D Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** GPRC5D**Target:** GPRC5D**UNIPROT ID:** Q9NZD1**Description:** PE-conjugated Recombinant human GPRC5D protein with C-terminal mouse Fc tag**Background:** The protein encoded by this gene is a member of the G protein-coupled receptor family, however, the specific function of this gene has not yet been determined.**Species/Host:** HEK293**Molecular Weight:****Molecular Characterization:** GPRC5D(Met2-Glu21) mFc(Pro99-Lys330)**Purity:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

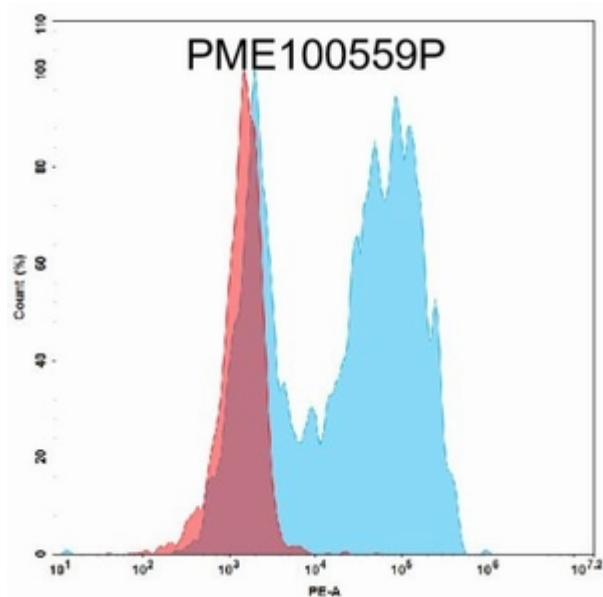


Figure 1. Flow cytometry analysis with 1 $\mu\text{g}/\text{ml}$ PE-conjugated GPRC5D-mFc protein (12235) on Anti GPRC5D CAR-Jurkat cells (Blue histogram) or negative Jurkat cells (Red histogram).