

HUMAN HSD17B13 PROTEIN, FLAG TAG**Cat.#:** 11781**Product Name:** Human HSD17B13 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** 17-beta-HSD 13;SCDR9;SDR16C3**Target:** HSD17B13**UNIPROT ID:** Q7Z5P4**Description:** Recombinant human HSD17B13 protein with C-terminal Flag tag**Background:** Predicted to enable oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor and steroid dehydrogenase activity. Acts upstream of or within positive regulation of lipid biosynthetic process. Located in lipid droplet. [provided by Alliance of Genome Resources, Apr 2022]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 37.3 kDa after removal of the signal peptide. The apparent molecular mass of HSD17B13-Flag is approximately 35-55 kDa due to glycosylation.**Molecular Characterization:** HSD17B13(Met1-Lys300) 3×Flag Tag**Purity:** The purity of the protein is greater than 85% 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.

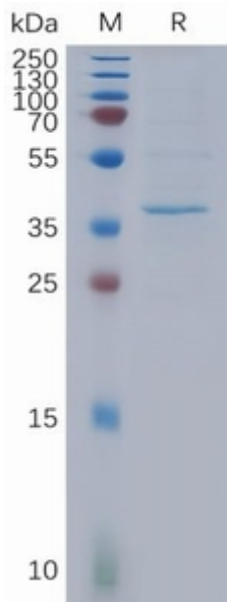


Figure 1. Human HSD17B13 Protein, Flag Tag on SDS-PAGE under reducing condition.