

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **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.



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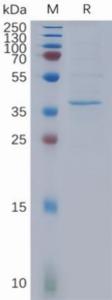


Figure 1. Human HSD17B13 Protein, Flag Tag on SDS-PAGE under reducing condition.