PRODUCT INFORMATION

Target	HSD17B13
Synonyms	17-beta-HSD 13;SCDR9;SDR16C3
Description	Recombinant human HSD17B13 protein with C-terminal Flag tag
Delivery	In Stock
Uniprot ID	Q7Z5P4
Expression Host	HEK293
Tag	C-3×Flag Tag
Molecular Characterization	HSD17B13(Met1-Lys300) 3×Flag Tag
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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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]
Usage	Research use only
Conjugate	Unconjugated

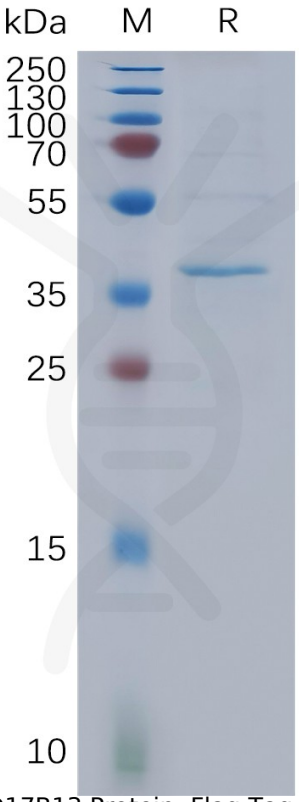

Figure 1. Human HSD17B13 Protein, Flag Tag on SDS-PAGE under reducing condition.