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Recombinant Human HSD17B13 Protein

Catalog No.: RP03109 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	345275	Q7Z5P4

Tags
C-Flag

Synonyms
17-beta-HSD 13;SCDR9;SDR16C3

Product Information

Source	Purification
HEK293 cells	> 90% by SDS-PAGE.

Endotoxin
<1 EU/μg, determined by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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]

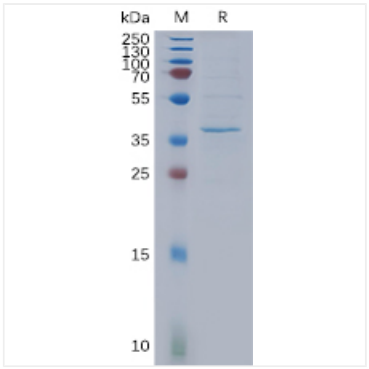
Basic Information

Description
Recombinant Human HSD17B13 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Lys300) of Human HSD17B13 (Accession #NP_835236.2) fused with Flag tag at the C-terminus.

Bio-Activity

Storage
Store the lyophilized protein at -20°C to -80 °C for 12 months.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human HSD17B13 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 35-55 kDa due to glycosylation.