

Active Recombinant Full Length Human HSD17B13 Protein, His tagged

Cat. No. HSD17B13-02HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HSD17B13 Protein with His tag was expressed in baculovirus-insect cells.
Species	Human
Source	Baculovirus-Insect Cells
ProteinLength	1-300 aa
Description	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.
Molecular Weight	36 kDa
AA Sequence	MHHHHHHHHHHGGGSGGGSMNIILEILLITIIYSYLESLVKFFIPQRRKSVAGEIVLIT GAGHGIGRQTTYEFAKRQSILVLWDINKRGVEETAACRKLGVTAHAYVVDSCNRE EIYRSLNQVKKEVGDTVIVNAGTVYPADLLSTKDEEITKTFEVNILGHFWITKALLP SMMERNHGHIVTVASVCGHEGIPYLIPYCSSKFAAVGFHRGLTSELQALGKTGIKTS CLCPVVFVNTGFTKNPSTRLWPVLETDEVVRSIDGILTNNKKMIFVPSYINIFLRLQKFLP ERASAILNRMQNIQFEAVVGHKIKMK
Bio-Activity	With retinol as substrate, the specific activity was 0.026 U/mg.

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Purity	>90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile 20 mM Tris, pH 8.0, 150 mM NaCl, 0.05 % LMNG, 0.005 % CHS, 0.005 % CHAPS.
Concentration	0.48 mg/mL by BCA

GENE INFORMATION

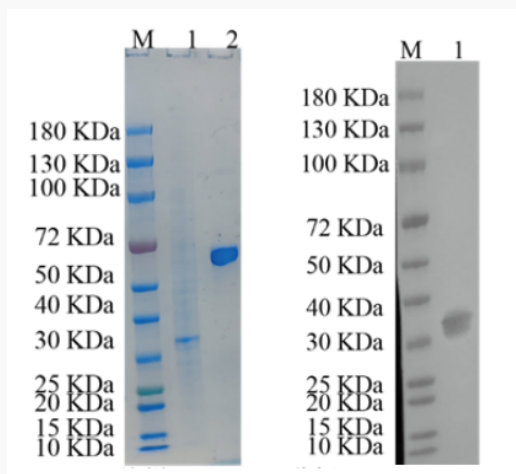
Gene Name	HSD17B13 hydroxysteroid (17-beta) dehydrogenase 13 [Homo sapiens]
Official Symbol	HSD17B13
Synonyms	HSD17B13; hydroxysteroid 17-beta dehydrogenase 13; FLDP; SCDR9; NIIL497; SDR16C3; HMFN0376; 17-beta-hydroxysteroid dehydrogenase 13; 17-beta hydroxysteroid dehydrogenase; 17-beta-HSD 13; hepatic retinol/retinal dehydrogenase; short chain dehydrogenase/reductase family 16C member 3; short-chain dehydrogenase/reductase 9; EC 1.1.1.105; EC 1.1.1.62
Gene ID	345275
mRNA Refseq	NM_178135
Protein Refseq	NP_835236
MIM	612127
UniProt ID	Q7Z5P4

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**Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
Antibody) analysis
profiles of purified
HSD17B13.**



1. HSD17B13: 1 μ g 2. BSA: 1 μ g

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