

Active Recombinant Human HSD17B13 Protein, C-DDK-tagged

Cat. No. HSD17B13-07H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified Biotinylated recombinant human hydroxysteroid (17-beta) dehydrogenase 13 (HSD17B13) with C-terminal DDK tag and site-specific Biotinylation on the C-terminal AVIplus tag was expressed in HEK293T.
Species	Human
Source	HEK293
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.
Bio-activity	The biotin to protein ratio is about 0.2 as determined by Streptavidin Pull-Down Assay.
Molecular Mass	36.8 kDa
AA Sequence	MNIILEILLLLITIIYSYLESLVKFFIPQRRKSVAGEIVLITGAGHGIGRQTTYEFAKRQSIL VLWDINKRGVEETAACERKLGVTAHAYVVDSCSNREEIYRSLNQVKKEVGDTVIVNN AGTVYPADLLSTKDEEITKTFEVNILGHFWITKALLPSMMERNHGHIVTVASVCGHEG IPYLIPYCSSKFAAVGFHRGLTSELQALGKTGIKTSCLCPVFVNTGFTKNPSTRLWPV LETDEVVRSLIDGILTNNKMIFVPSYINIFLRLQKFLPERASAILNRMQNIQFEAVVGHKI KMKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Applications	Cell culture: For culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by Bradford protein assay method.
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
GENE INFORMATION	
Gene Name	HSD17B13 hydroxysteroid 17-beta dehydrogenase 13 [Homo sapiens (human)]
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; short chain dehydrogenase/reductase family 16C member 3; short-chain dehydrogenase/reductase 9
Gene ID	345275
mRNA Refseq	NM_178135
Protein Refseq	NP_835236
MIM	612127

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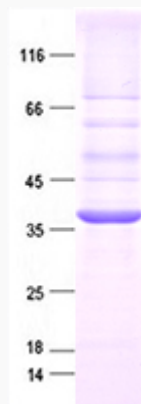
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UniProt ID

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SDS-PAGE

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