Recombinant Human HSD17B1 protein, His-tagged

Cat. No. HSD17B1-3290H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSD17B1 protein(191 - 328 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	191 - 328 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	TAFMEKVLGSPEEVLDRTDIHTFHRFYQYLAHSKQVFREAAQNPEEVAEVFLTALRA PKPTLRYFTTERFLPLLRMRLDDPSGSNYVTAMHREVFGDVPAKAEAGAEAGGGA GPGAEDEAGRSAVGDPELGDPPAAPQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/μl in 200 μl sterile water for short-term storage.

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	Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	HSD17B1 hydroxysteroid (17-beta) dehydrogenase 1 [Homo sapiens]
Official Symbol	HSD17B1
Synonyms	HSD17B1; hydroxysteroid (17-beta) dehydrogenase 1; EDH17B2, EDHB17; estradiol 17-beta-dehydrogenase 1; Estradiol 17 beta dehydrogenase 1; HSD17; MGC138140; SDR28C1; short chain dehydrogenase/reductase family 28CE; member 1; E2DH; 20-alpha-HSD; 17-beta-HSD 1; estradiol 17-beta-dehydrogenase-1; 20 alpha-hydroxysteroid dehydrogenase; 17-beta-hydroxysteroid dehydrogenase type 1; placental 17-beta-hydroxysteroid dehydrogenase; hydroxysteroid (17-beta) dehydrogenase 1 isoform; short chain dehydrogenase/reductase family 28CE, member 1; EDHB17; EDH17B2;
Gene ID	3292
mRNA Refseq	NM_000413
Protein Refseq	NP_000404
MIM	109684
UniProt ID	P14061

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