

Recombinant Human HSD17B4 protein, His-tagged

Cat. No. HSD17B4-4588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSD17B4 protein(P51659)(1-736 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-736 aa
Form	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
Molecular Mass	86.6 kDa
AASequence	MGSPLRFDGRVVLVTGAGAGLGRAYALAF AER GALVVVNDLGGDFKGVGKGS LAA DKVVEEIRRRGGKAVANYDSVEEGEKVVK TALDAFGRIDVVVNNAGILRDRSFARIS DEDWDIIHRVHLRGSFQVTRAAWEHMKKQKYGRIIMTSSASGIYGNFGQANY SAAK LGLLGLANSLAIEGRKSNIHCNTIAPNAGSRMTQTVM PEDLVEALKPEYVAPLVLWLC HESCEENGGLFEVGAGWIGKLRWERTLGAIVRQKNHPMTPEAVKANWKKICDFEN ASKPQSIQESTGSIIEVLSKIDSEGGVSANHTSRATSTATSGFAGAIGQKLPPFSYAYT ELEAIMYALGVGASIKDPKDLKFIYEGSSDF SCLPTFGVIIGQKSMMGGGLAEIPGLSI NFAKVLHGEQYLELYKPLPRAGKLKCEAVVADVLDK GSGVVIIMDVYSYSEKELICHN QFSLFLVGS GGGFGGKRTSDKV KVAVAIPNRPPDAVLTD TTS LNQAALYRLSGDWNP

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LHIDPNFASLAGFDKPIHGLCTFGFSARRVLQQFADNDVSRFKAIKARFAKPVYPGQ
 TLQTEMWKEGNRIHFQTKVQETGDIVISNAYVDLAPTSAGTSAKTPSEGGKLQSTFVF
 EEIGRRLKDIGPEVVKKVNAVFEWHITKGGNIGAKWTIDLKSGSGKVYQGPAGKAAD
 TTILSDEDFMEVVLGKLDLPQKAFFSGRLKARGNIMLSQKLQMILKDYAKL

Purity Greater than 95% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

GENE INFORMATION

Gene Name [HSD17B4 hydroxysteroid \(17-beta\) dehydrogenase 4 \[Homo sapiens \]](#)

Official Symbol [HSD17B4](#)

Synonyms HSD17B4; hydroxysteroid (17-beta) dehydrogenase 4; peroxisomal multifunctional enzyme type 2; 3 alpha; 7 alpha; 12 alpha trihydroxy 5 beta cholest 24 enoyl CoA hydratase; 17 beta HSD IV; 17 beta hydroxysteroid dehydrogenase 4; 17beta estradiol dehydrogenase type IV; beta hydroxyacyl dehydrogenase; beta keto reductase; D 3 hydroxyacyl CoA dehydratase; D bifunctional protein; peroxisomal; DBP; MFE 2; peroxisomal multifunctional protein 2; SDR8C1; short chain dehydrogenase/reductase family 8C; member 1; 17-beta-HSD 4; 17-beta-HSD IV; beta-keto-reductase; multifunctional protein 2; beta-hydroxyacyl dehydrogenase; D-3-hydroxyacyl-CoA dehydratase; D-bifunctional protein, peroxisomal; 17-beta-hydroxysteroid dehydrogenase 4; 17beta-estradiol dehydrogenase type IV; short chain dehydrogenase/reductase family 8C, member 1; 3-alpha,7-alpha,12-alpha-

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trihydroxy-5-beta-cholest-24-enoyl-CoA hydratase; MFE-2; MPF-2;

Gene ID 3295

mRNA Refseq NM_000414

Protein Refseq NP_000405

MIM 601860

UniProt ID P51659

SDS-PAGE

