

Recombinant Human HSD17B4 Protein (1-736 aa), His-tagged

Cat. No. HSD17B4-1417H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSD17B4 Protein (1-736 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-736 aa
Description	Bifunctional enzyme acting on the peroxisomal beta-oxidation pathway for fatty acids. Catalyzes the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	81.7 kDa
AA Sequence	MGSPLRFDGRVVLVTGAGAGLGRAYALFAERGA LVVNDLGGDFKGVGKGS LAA DKVVEEIRRRGGKAVANYDSVEEGEKVVKTALDAFGRIDVVNNAGILRDRSFARIS DEDWDIIHRVHLRGSFQVTRAAWEHMKKQKYGRIIMTSSASGIYGNFGQANYSAAK LGLLGLANSLAIEGRKSNIHCNTIAPNAGSRMTQTVMPEDLVEALKPEYVAPLVWLWC HESCEENGGLFEVGAGWIGKLRWERTLGAIVRQKNHPMTPEAVKANWKKICDFEN ASKPQSIQESTGSIIEVLSKIDSEGGVSANHTSRATSTATSGFAGAIGQLPPFSYAYT ELEAIMYALGVGASIKDPKDLKFIYEGSSDFSCLPFTFGVIIGQKSMMGGGLAEIPGLSI

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NFAKVLHGEQYLELYKPLPRAGKLKCEAVVADVLDKSGSVVIIMDVYSYSEKELICHN
 QFSLFLVGSGGFGGKRTSDKVKVAVAIPNRPPDAVLTDTTSLNQAALYRLSGDWNP
 LHIDPNFASLAGFDKPILHGLCTFGFSARRVLQQFADNDVSRFKAIKARFAKPVYPGQ
 TLQTEMWKEGNRIHFQTKVQETGDIVISNAYVDLAPTSAGTSAKTPSEGGKLQSTFVF
 EEIGRRLKDIGPEVVKKVNAVFEWHITKGGNIGAKWTIDLKSGSGKVYQGPAGKAAD
 TTILSDEDFMEVVLGKLDPPQKAFFSGRLKARGNIMLSQKLQMILKDYAKL

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

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

Official Symbol [HSD17B4](#)

Synonyms HSD17B4; 3 alpha; 7 alpha; DBP; MFE 2; SDR8C1; member 1; 17-beta-HSD 4; 17-beta-HSD IV; MFE-2; MPF-2;

Gene ID [3295](#)

mRNA Refseq [NM_000414](#)

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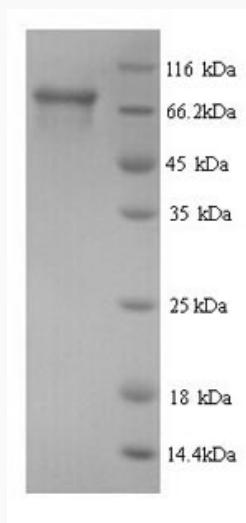
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Protein Refseq NP_000405

MIM 601860

UniProt ID P51659



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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