

Product datasheet for **TP510361**

Hsd17b4 (NM_008292) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse hydroxysteroid (17-beta) dehydrogenase 4 (Hsd17b4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210361 representing NM_008292 Red =Cloning site Green =Tags(s)

MASPLRFDGRVVLVTGAGGGLGRAYALAF AER GALVIVNDLGGDFKIGKIGSSAADKVAEIRRKGGKAV
ANYDSVEAGEKLVKTALDTFGRIDVVVNNAGILRDRSFSRISDEDWDIIHRVHLRGSFQVTRAAWDHMKK
QNYGRILMTSSASGIYGNFGQANYSAAKLGILGLCNTLAIIEGRKNNIHCNTIAPNAGSRMTETVLPEDLV
EALKPEYVAPLVLWLCHE SCEENGLFEVGAGWIGKLRWERTLGAIVRKRNPMTPEAVRDNWEKICDFS
NASKPQTIQESTGGIVEVLHKVDSEGISPNRTSHAAPAATSGFVGAVGHKLP SFSSSYTELQSIMYALGV
GASVKNPKDLKFVYEGSADFCLPTFGVIVAQKSMNNGGLAEVPGLSFNFAKALHGEQYLELYKPLPRSG
ELKCEAVIADILDKGSGVVIVMDVYSYSGKELICYNQFSVFVVGSGGFGGKRTSEKLKAAVAVPNRPPDA
VLRDATSLNQAALYRLSGDWNPLHIDPDFASVAGFEKPIHLGLCTFGFSARHVLQQFADNDVSRFKAIKV
RFAKPVYPGQTLQTEMWKEGNRIHFQTKVHETGDVVISNAYVDLVPASGVSTQTPSEGGELQSALVFGEI
GRRLKSVGREVVKKANAVFEWHITKGGTVAAKWTIDLKSGSGEVYQGPAGKSADVTIIISDEDFMEVFG
KLDPQKAFFSGRLKARGNIMLSQKLQ MILKDYAKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	79.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_032318
Locus ID:	15488
UniProt ID:	P51660
RefSeq Size:	2685
Cytogenetics:	18 D1
RefSeq ORF:	2205
Synonyms:	17-beta-HSD; 17[b]-HSD; DBP; MFE-2; Mfp-2; MFP2; MPF-2; perMFE-2
Summary:	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 (By similarity).[UniProtKB/Swiss-Prot Function]