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Product datasheet for TP504133

Hsd17b11 (NM_053262) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse hydroxysteroid (17-beta) dehydrogenase 11 (Hsd17b11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204133 protein sequence Red=Cloning site Green=Tags(s) MKYLLDLILLLPLLIVFSIESLVKLFIPKKKKSVAGEIVLITGAGHGIGRLTAYEFAKLNTKLVLWDINK NGIEETAAKCRKLGAQAHPFVVDCSQREEIYSAAKKVKEEVGDVSILVNNAGVVYTADLFATQDPQIEKT FEVNVLAHFWTTKAFLPVMMKNNHGHIVTVASAAGHTVVPFLLAYCSSKFAAVGFHRALTDELAALGRTG VRTSCLCPNFINTGFIKNPSTNLGPTLEPEEVVEHLMHGILTEKQMIFVPSSIALLTVLERIVPERFLQV LKHRINVKFDAVVGYKDK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	32.9 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.
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_444492
Locus ID:	114664
UniProt ID:	Q9EQ06

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RefSeq Size:	1699
Cytogenetics:	5 E5
RefSeq ORF:	897
Synonyms:	Dhrs8; Pan1b; retSDR2; SDR2
Summary:	Can convert androstan-3-alpha,17-beta-diol (3-alpha-diol) to androsterone in vitro, suggesting that it may participate in androgen metabolism during steroidogenesis. May act by metabolizing compounds that stimulate steroid synthesis and/or by generating metabolites that inhibit it. Has no activity toward DHEA (dehydroepiandrosterone), or A-dione (4-androste-3,17-dione), and only a slight activity toward testosterone to A-dione.[UniProtKB/Swiss-Prot Function]