

Product datasheet for TP504561

Hsd17b6 (NM_013786) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse hydroxysteroid (17-beta) dehydrogenase 6 (Hsd17b6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204561 representing NM_013786 Red=Cloning site Green=Tags(s)

MWFFYLVTLVGLYHLLRWYRERQVWSHLQDKYVFITGCDSGFGNLLARQLDRRGMRVLAACLTEKGAEELR
NKTSDRLETVILDVTKTESIVAATQWVKERVGDRGLWGLVNNAGVLQPFAYIEWYRPEDYMPIFQVNLIG
LTQVTISMLFLVKKARGRIVNVSSALGRVALFGGFYSCSKYGVEAFSDVLRHEVQDFGVKVSIIIEPGSFK
TEMTDAELTIERTKKVWEAAPEHIKESYGQQFFDDFCSTTKRELMKCSRNLSTDCMEHALTSTHPTRR
YSAGWDAKFFFIPLSYLPASLVDYLLAISRGKPAQAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	36.6 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_038814
Locus ID:	27400
UniProt ID:	Q9R092



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RefSeq Size: 1479

Cytogenetics: 10 D3

RefSeq ORF: 951

Synonyms: 17betaHSD9; Hsd17b9; Rdh8

Summary: NAD-dependent oxidoreductase with broad substrate specificity that shows both oxidative and reductive activity (in vitro). Has 17-beta-hydroxysteroid dehydrogenase activity towards various steroids (in vitro). Converts 5-alpha-androstan-3-alpha,17-beta-diol to androsterone and estradiol to estrone (in vitro). Has 3-alpha-hydroxysteroid dehydrogenase activity towards androsterone (in vitro). Has retinol dehydrogenase activity towards all-trans-retinol (in vitro). [UniProtKB/Swiss-Prot Function]