

## Product datasheet for **TP313132M**

### **HSD17B13 (NM\_178135) Human Recombinant Protein**

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human hydroxysteroid (17-beta) dehydrogenase 13 (HSD17B13), transcript variant A, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293
<b>Expression cDNA Clone or AA Sequence:</b>	>RC213132 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MNIILEILLLLITIIYSYLESLVKFFIPQRRKSVAGEIVLITGAGHGIGRQTTYEFAKRQSILVLWDINK RGVEETAACRKLGVTAHAYVVDCSNREEIYRSLNQVKEVGDVTIVVNNAGTVYPADLLSTKDEEITKT FEVNILGHFWITKALLPMMERNHGHIVTVASVCGHEGIPYLIPYCSSKFAAVGFHRGLTSELQALGKTG IKTSCLCVPVFVNTGFTKNPSTRLWPVLETDEVVRSIDGILTNNKMIFVPSYINIFRLQKFLPERASAI LNRMQNIQFEAVVGHKIKMK  <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	33.5 kDa
<b>Concentration:</b>	>0.1 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



**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\\_835236](#)

**Locus ID:** 345275

**UniProt ID:** [Q7Z5P4](#)

**RefSeq Size:** 2397

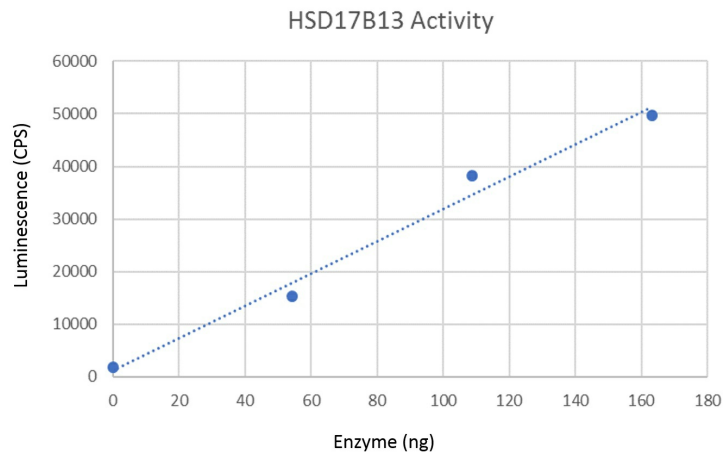
**Cytogenetics:** 4q22.1

**RefSeq ORF:** 900

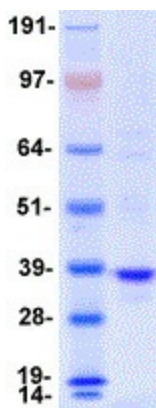
**Synonyms:** HMFN0376; NIIL497; SCDR9; SDR16C3

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

### Product images:



HSD17B13 enzymatic activity with  $75\mu\text{M}$   $\beta$ -estradiol as a substrate, measured by NADH production (indicated by luminescence).



Coomassie blue staining of purified HSD17B13 protein (Cat# [TP313132]). The protein was produced from HEK293T cells transfected with HSD17B13 cDNA clone (Cat# [RC213132]) using MegaTran 2.0 (Cat# [TT210002]).