

Product datasheet for **RC213132**

HSD17B13 (NM_178135) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HSD17B13 (NM_178135) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HSD17B13
Synonyms:	HMFN0376; NIIL497; SCDR9; SDR16C3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC213132 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACATCATCCTAGAAATCCTTCTGCTTCTGATCACCATCATCTACTCCTACTGGAGTCGTTGGTGA
AGTTTTTCATTTCCTCAGAGGAGAAAATCTGTGGCTGGGGAGATTGTTCTCATTACTGGAGCTGGGCATGG
AATAGGCAGGCAGACTACTTATGAATTTGCAAAACGACAGAGCATATTGGTTCTGTGGGATTAATAAG
CGCGGTGTGGAGGAACTGCAGCTGAGTGCCGAAAACCTAGGCGTCACTGCGCATGCGTATGTGGTAGACT
GCAGCAACAGAGAAGAGATCTATCGCTCTCTAAATCAGGTGAAGAAAGAAGTGGGTGATGTAACAATCGT
GGTGAATAATGCTGGGACAGTATATCCAGCCGATCTTCTCAGCACCAAGGATGAAGAGATTACCAAGACA
TTTGAGGTCAACATCCTAGGACATTTTTGGATCAGAAAAGCACTTCTTCCATCGATGATGGAGAGAAATC
ATGGCCACATCGTCACAGTGGCTTCAGTGTGCGGCCACGAAGGGATTCTTACCTCATCCCATATTGTTTC
CAGCAAAATTTGCCGCTGTTGGCTTTACAGAGGTCTGACATCAGAACTTCAGGCCCTGGGAAAACTGGT
ATCAAAACCTCATGTCTCTGCCAGTTTTTGTGAATACTGGGTTACCAAAAATCCAAGCACAAGATTAT
GGCCTGTATTGGAGACAGATGAAGTCGTAAGAAGTCTGATAGATGGAATACTTACCAATAAGAAAATGAT
TTTTGTCCATCGTATATCAATATCTTTCTGAGACTACAGAAGTTTCTTCTGAACGCGCCTCAGCGATT
TTAAATCGTATGCAGAATATTCAATTTGAAGCAGTGGTTGGCCACAAAATCAAAATGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_178135.5](#), [NP_835236.2](#)

RefSeq Size: 2397 bp

RefSeq ORF: 903 bp

Locus ID: 345275

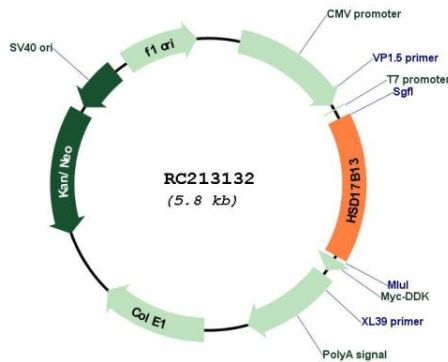
UniProt ID: [Q7Z5P4](#)

Cytogenetics: 4q22.1

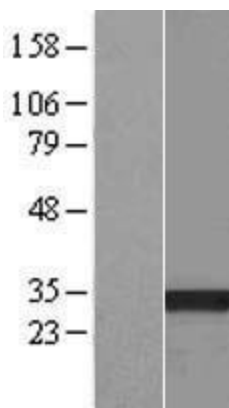
Protein Families: Druggable Genome, Secreted Protein, Transmembrane

MW: 33.7 kDa

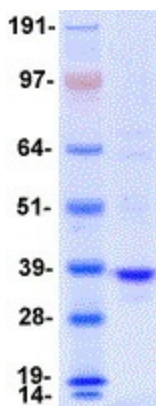
Product images:



Circular map for RC213132



Western blot validation of overexpression lysate (Cat# [LY405941]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC213132 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



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]).