# Recombinant Full Length Human HSD17B6 Protein, C-Flag-tagged

**Cat. No.** HSD17B6-1703HFL **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Full Length Human HSD17B6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells. |
| **Species** | Human |
| **Source** | Mammalian Cells |
| **Description** | The protein encoded by this gene has both oxidoreductase and epimerase activities and is involved in androgen catabolism. The oxidoreductase activity can convert 3 alpha-adiol to dihydrotestosterone, while the epimerase activity can convert androsterone to epi-androsterone. Both reactions use NAD+ as the preferred cofactor. This gene is a member of the retinol dehydrogenase family. |
| **Form** | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| **Molecular Mass** | 35.8 kDa |
| **AA Sequence** | MWLYLAAFVGLYYLLHWYRERQVVSHLQDKYVFITGCDSGFGNLLARQLDARGLRV LAACLTEKGAEQLR GQTSDRLETVTLDVTKMESIAAATQWVKEHVGDRGLWGLVN NAGILTPITLCEWLNTEDSMNMLKVNLIG VIQVTLSMLPLVRRARGRIVNVSSILGRV AFFVGGYCVSKYGVEAFSDILRREIQHFGVKISIVEPGYFR TGMTNMTQSLERMKQS WKEAPKHIKETYGQQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTR YSAGWDAKFFFIPLSYLPTSLADYILTRSWPKPAQAVTRTRPLEQKLISEEDLAANDIL DYKDDDDKV |

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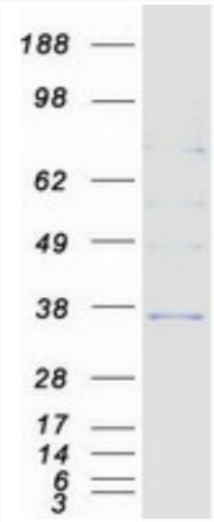
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| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining. |
| **Stability** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **Storage** | Store at -80 centigrade. |
| **Concentration** | >50 ug/mL as determined by microplate BCA method. |
| **Preparation** | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| **Protein Families** | Druggable Genome |
| **Full Length** | Full L. |

## GENE INFORMATION

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|---|---|
| **Gene Name** | HSD17B6 hydroxysteroid 17-beta dehydrogenase 6 [ Homo sapiens (human) ] |
| **Official Symbol** | HSD17B6 |
| **Synonyms** | HSE; RODH; SDR9C6 |
| **Gene ID** | 8630 |
| **mRNA Refseq** | NM_003725.4 |
| **Protein Refseq** | NP_003716.2 |
| **MIM** | 606623 |

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| **UniProt ID** | O14756 |




Coomassie blue staining of purified FAM192A protein.

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