

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

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

SPECIFICATION

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 GQTSRLETVTLDVTKMESIAAATQWVKEHVGDRGLWGLVN NAGILTPITLCEWLNTEDSMNMLKVNIG VIQVTL SMLPLVRRARGRIVNVSSILGRV AFFVGGYCVSKYGVFAFSDILRREIQHFGVKISIVEPGYFR TGMTNMTQSLERMKQS WKEAPKHIKETYGQQYFDALYNIMKEGLLNCSTNLNLVTDCEHALTSVHPRTR YSAGWDAKFFFIPLSYLPTSLADYILTRSWPKPAQAVTRTRPLEQKLISEEDLAANDIL DYKDDDDKV

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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

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

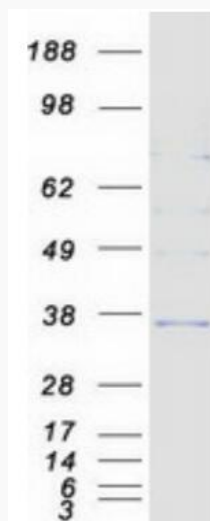
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UniProt ID

O14756



Coomassie blue staining of purified FAM192A protein.

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