Recombinant Human 17-beta-hydroxysteroid dehydrogenase type 6 (HSD17B6)

Product Code	CSB-MP010775HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14756
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	YRE RQVVSHLQDK YVFITGCDSG FGNLLARQLD ARGLRVLAAC LTEKGAEQLR GQTSDRLETV TLDVTKMESI AAATQWVKEH VGDRGLWGLV NNAGILTPIT LCEWLNTEDS MNMLKVNLIG VIQVTLSMLP LVRRARGRIV NVSSILGRVA FFVGGYCVSK YGVEAFSDIL RREIQHFGVK ISIVEPGYFR TGMTNMTQSL ERMKQSWKEA PKHIKETYGQ QYFDALYNIM KEGLLNCSTN LNLVTDCMEH ALTSVHPRTR YSAGWDAKFF FIPLSYLPTS LADYILTRSW PKPAQAV
Source	Mammalian cell
Target Names	HSD17B6
Protein Names	Recommended name: 17-beta-hydroxysteroid dehydrogenase type 6 Short name= 17-beta-HSD 6 Short name= 17-beta-HSD6 EC= 1.1.1.105 EC= 1.1.1.62 EC= 1.1.1.63 Alternative name(s): 3-alpha->beta-hydroxysteroid epimerase
Expression Region	18-317
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein 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. Transcript variants utilizing alternative polyadenylation signals exist.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life

of lyophilized form is 12 months at -20°C/-80°C.