

Recombinant Human HSD17B6 Protein, GST-tagged

Cat. No. HSD17B6-5072H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSD17B6 full-length ORF (AAH20710, 1 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. Transcript variants utilizing alternative polyadenylation signals exist. [provided by RefSeq
Molecular Mass	60.61 kDa
AA Sequence	MWLYLAAFVGLYYLLHWYRERQVVSHLQDKYVFITGCDSGFGNLLARQLDARGLRV LAACLTEKGAEQLRGQTSRLETVTLDVTKMESIAAATQWVKEHVGDRGLWGLVNN AGILTPITLCEWLNTEDSMNMLKVNIGVIQVTL SMLPLVRRARGRIVNVSSILGRVAF FVGGYCVSKYGVEAFSDILRREIQHFGVKISIVEPGYFRTGMTNMTQSLERMKQSW KEAPKHIKETYGQQYFDALYNIMKEGLLNCSTNLNLVTDCMEHALTSVHPRTRYAG WDAKFFFIPLSYLPTSLADYILTRSWPKPAQAV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HSD17B6 hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse) [Homo sapiens]
Official Symbol	HSD17B6
Synonyms	HSD17B6; hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse); hydroxysteroid (17 beta) dehydrogenase 6; 17-beta-hydroxysteroid dehydrogenase type 6; 3(alpha >beta) hydroxysteroid epimerase; 3 hydroxysteroid epimerase; HSE; NAD+ dependent 3 alpha hydroxysteroid dehydrogenase; oxidative 3 alpha hydroxysteroid dehydrogenase; oxidoreductase; retinol dehydrogenase; RODH; SDR9C6; short chain dehydrogenase/reductase family 9C; member 6; 17-beta-HSD6; 17-beta-HSD 6; 3-alpha-> beta-HSE; 3-hydroxysteroid epimerase; beta-hydroxysteroid epimerase; 3(alpha-> beta)-hydroxysteroid epimerase; beta)-hydroxysteroid epimerase; oxidative 3-alpha hydroxysteroid dehydrogenase; oxidative 3-alpha-hydroxysteroid-dehydrogenase; short chain dehydrogenase/reductase family 9C, member 6; NAD+ -dependent 3 alpha-hydroxysteroid dehydrogenase 3-hydroxysteroid epimerase;
Gene ID	8630

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mRNA Refseq [NM_003725](#)

Protein Refseq [NP_003716](#)

MIM [606623](#)

UniProt ID [O14756](#)

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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