

17-Beta-Hydroxysteroid Dehydrogenase Type 3 (HSD17b3) Active Protein | HSD17b3 active protein

Active 17-Beta-Hydroxysteroid Dehydrogenase Type 3 (HSD17b3)

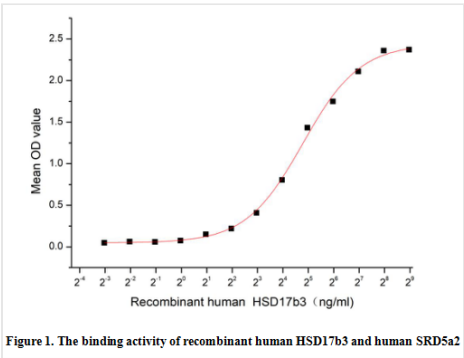
CATALOG # AAA153131	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

17-Beta-Hydroxysteroid Dehydrogenase Type 3 (HSD17b3); Active 17-Beta-Hydroxysteroid Dehydrogenase Type 3 (HSD17b3); 17-Beta-Hydroxysteroid Dehydrogenase Type 3; HSD17b3 active protein (prokaryotic); Human; SDR12C2; EDH17B3; Short Chain Dehydrogenase/Reductase Family 12C; Member 2; Testosterone 17-Beta-Dehydrogenase 3; Testicular 17-beta-hydroxysteroid dehydrogenase; HSD17b3 active protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met1~Arg310
Applicable Applications for HSD17b3 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.9
Research Area	Enzyme & Kinase
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

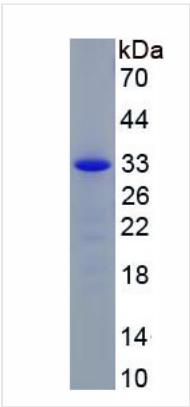


Bioactivity

17-Beta-Hydroxysteroid Dehydrogenase Type 3 (HSD17b3) belongs to the HSD17B family with NAD(P)H/NAD(P)⁺-dependent oxidoreductase activity that catalyzes the interconversion between 17-ketosteroids and 17-hydroxysteroids to maintain the balance between les

SDS-PAGE

Figure. SDS-PAGE



ADDITIONAL INFORMATION

Product Categories/Family for HSD17b3 active protein Active proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557649
NCBI GeneID	3293
NCBI Accession #	NP_000188.1
NCBI GenBank Nucleotide #	NM_000197.1
UniProt Accession #	P37058
Molecular Weight	34,516 Da
NCBI Official Full Name	testosterone 17-beta-dehydrogenase 3
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 3
NCBI Official Symbol	HSD17B3
NCBI Official Synonym Symbols	EDH17B3; SDR12C2
NCBI Protein Information	testosterone 17-beta-dehydrogenase 3; 17-beta-HSD3; 17-beta-HSD 3; 17-beta-hydroxysteroid dehydrogenase type 3; testicular 17-beta-hydroxysteroid dehydrogenase; short chain dehydrogenase/reductase family 12C, member 2
UniProt Protein Name	Testosterone 17-beta-dehydrogenase 3
UniProt Gene Name	HSD17B3
UniProt Synonym Gene Names	EDH17B3; 17-beta-HSD 3
UniProt Entry Name	DHB3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.