

HSD3B1 抗原（重组蛋白）

中文名称： HSD3B1 抗原（重组蛋白）

英文名称： HSD3B1 Antigen (Recombinant Protein)

别名： hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1; I; HSD3B; HSDB3; HSDB3A; SDR11E1; 3BETAHSD

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to N terminal 280 amino acids of human HSD3B1

技术规格

Full name:	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1
Synonyms:	I; HSD3B; HSDB3; HSDB3A; SDR11E1; 3BETAHSD
Swissprot:	P14060
Gene Accession:	BC031999
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	HSD3B1 is a human gene that encodes for a 3beta-hydroxysteroid dehydrogenase/delta(5)-delta(4)isomerase type I or hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1. While it can carry out the same function as HSD3B2, it localizes primarily to different tissues, such as the placenta and nonsteroidogenic tissues.

Its requirement for the production of progesterone by the placenta, which has a vital role in pregnancy, may be one reason why no disease based on mutations in this gene has been identified to date.