

HSD3B7 抗原（重组蛋白）

中文名称： HSD3B7 抗原（重组蛋白）

英文名称： HSD3B7 Antigen (Recombinant Protein)

别 名： hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7; CBAS1; PFIC4; SDR11E3

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to N terminal 178 amino acids of human HSD3B7

技术规格

Full name:	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7
Synonyms:	CBAS1; PFIC4; SDR11E3
Swissprot:	Q9H2F3
Gene Accession:	BC004929
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes an enzyme which is involved in the initial stages of the synthesis of bile acids from cholesterol and a member of the short-chain dehydrogenase/reductase superfamily. The encoded protein is a membrane-associated endoplasmic reticulum protein which is active against 7-alpha hydroxylated sterol substrates. Mutations in this gene are associated with a congenital bile acid synthesis defect which leads to neonatal cholestasis, a form of progressive liver disease. Multiple transcript variants encoding different isoforms have been found for this gene.