

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

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|---------------------------|---|
| 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.