

Recombinant Human HSD3B7

Catalog No: #GP11646



Package Size: #GP11646-1 100ug

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Description

Product Name	Recombinant Human HSD3B7
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 178 amino acids of human hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7
Target Name	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7
Other Names	CBAS1; PFIC4; SDR11E3
Accession No.	Swissprot:Q9H2F3Gene Accession:BC004929
Uniprot	Q9H2F3
GenelD	80270;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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