

Recombinant Human HSD3B2

Catalog No: #GP11647



Package Size: #GP11647-1 100ug

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Description

Product Name	Recombinant Human HSD3B2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 223-372 amino acids of human hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2
Target Name	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2
Other Names	HSDB; HSD3B; SDR11E2
Accession No.	Swissprot:P26439Gene Accession:BC038419
Uniprot	P26439
GenID	3284;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a bifunctional enzyme that catalyzes the oxidative conversion of delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. It plays a crucial role in the biosynthesis of all classes of hormonal steroids. This gene is predominantly expressed in the adrenals and the gonads. Mutations in this gene are associated with 3-beta-hydroxysteroid dehydrogenase, type II, deficiency. Alternatively spliced transcript variants 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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