



Recombinant Human HSD3B1 Protein (aa 1-373) [GST] (DAGF-028)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	HSD3B1 (hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1) is a protein-coding gene. Diseases associated with HSD3B1 include heel spur, and adrenal gland hyperfunction, and among its related super-pathways are Glucocorticoid biosynthesis and Metabolic pathways. GO annotations related to this gene include steroid delta-isomerase activity and nucleotide binding. An important paralog of this gene is HSD3B2.
Conjugate	GST
Sequence Similarities	MTGWSCLVTGAGGFLGQRIIRLLVKEKELKEIRVLDKAFGPELREEFSKLQNKTCLTVLE GDILDEPFLKRACQDVSVIIHTACIIDVFGVTHRESIMNVNVKGTQLLLEACVQASVPVF IYTSSIEVAGPNSYKEIIQNGHEEEPLENTWPAPYPHKKLAEKAVLAANGWNLKNGGTL YTCALRPMYIYGEGSRFLSASINEALNNNGILSSVGKFSTVNPVYVGNVAWAHILALRAL QDPKKAPSIRGQFYIISDDTPHQSYDNLNYTLSKEFGLRLDSRWSFPLSLMYWIGFLLEI VSFLLRPIYTYRPPFNHRHIVTLSNSVFTFSYKKAQRDLAYKPLYSWEEAKQKTVEWVGSL VDRHKENLKSQTQ
Molecular Weight	66.77 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Preservative	None
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Keywords

HSD3B1; hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1; HSD3B, HSDB3; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1; SDR11E1; short chain dehydrogenase/reductase family 11E; member 1; 3 beta-hydroxysteroid dehydrogenase/Delta 5--> 4-isomerase type 1; 3-beta-HSD I; progesterone reductase; steroid Delta-isomerase; trophoblast antigen FDO161G; delta-5-3-ketosteroid isomerase; 3-beta-hydroxy-5-ene steroid dehydrogenase; 3-beta-hydroxy-Delta(5)-steroid dehydrogenase; short chain dehydrogenase/reductase family 11E, member 1; 4-isomerase type I; hydroxy-delta-5-steroid dehydrogenase, 3 beta-and steroid delta-isomerase 1; I; HSD3B; HSDB3; HSDB3A; 3BETAHSD;
