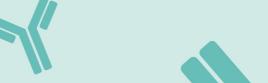
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HSD17B10 Protein (Stag)



Overview

Quantity:	100 μg
Target:	HSD17B10
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSD17B10 protein is labelled with S tag.

Product Details

Purpose:	Recombinant human HSD17B10 protein with N-terminal S tag
Specificity:	S tag HSD17B10 (Ala2-Pro261)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	HSD17B10
Alternative Name:	HSD17B10 (HSD17B10 Products)
Background:	MHBD, Type II HADH, ERAB, HADH2, MRPP2, SCHAD, SDR5C1, XH98G2
	Description: This gene encodes 3-hydroxyacyl-CoA dehydrogenase type II, a member of the
	short-chain dehydrogenase/reductase superfamily. The gene product is a mitochondrial protein
	that catalyzes the oxidation of a wide variety of fatty acids and steroids, and is a subunit of

Target Details

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	mitochondrial ribonuclease P, which is involved in tRNA maturation. The protein has been
	implicated in the development of Alzheimer disease, and mutations in the gene are the cause of
	17beta-hydroxysteroid dehydrogenase type 10 (HSD10) deficiency. Several alternatively spliced
	transcript variants have been identified, but the full-length nature of only two transcript variants
	has been determined. [provided by RefSeq, Aug 2014]
Molecular Weight:	predicted molecular mass of 28.5 kDa after removal of the signal peptide. The apparent
	molecular mass of S-HSD17B10 is 35-70 kDa due to glycosylation.
UniProt:	Q99714
Application Details	
Restrictions:	For Research Use only

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Handling

Format:	Lyophilized
Buffer:	sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months