

## 32-17874: Recombinant Human HSD17B10 Protein, S Tag

**Uniprot ID :** Q99714

**Alternative Name :** MHBD, Type II HADH, ERAB, HADH2, MRPP2, SCHAD, SDR5C1, XH98G2

### Description

Molecular Characterization: S tag HSD17B10(Ala2-Pro261)

Molecular weight: The protein has a predicted molecular mass of 28.5 kDa after removal of the signal peptide. The apparent molecular mass of S-HSD17B10 is approximately 35-70 kDa due to glycosylation.

Description: Recombinant human HSD17B10 protein with N-terminal S tag

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 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.

### Product Info

**Amount :** 100 µg / 50 µg

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.