

## HSD17B10 recombinant protein

Human HSD17B10 Protein, S Tag

CATALOG #  
**AAA47546**

HOST  
**HEK293**

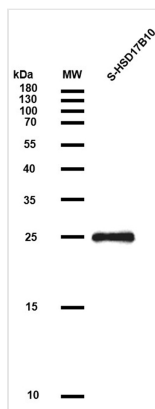
### PRODUCT SYNONYMS

HSD17B10; Human HSD17B10 Protein; S Tag; MHBD; Type II HADH; ERAB; HADH2; MRPP2; SCHAD; SDR5C1; XH98G2; HSD17B10 recombinant protein

### PRODUCT SPECIFICATIONS

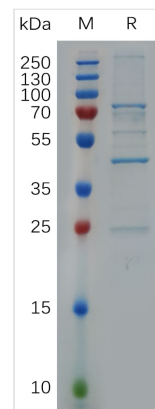
|                         |                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293                                                                                                                                                                                                                                                                   |
| Purity/Purification     | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                     |
| Form/Format             | Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.                                                                                               |
| Tag                     | N-S tag                                                                                                                                                                                                                                                                  |
| Preparation and Storage | Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |

### IMAGES



WB (Western Blot)

Figure 1. Human HSD17B10 Protein, N-S Tag on SDS-PAGE under reducing condition.



SDS-PAGE

Figure 1. Human HSD17B10 Protein, N-S Tag on SDS-PAGE under reducing condition.

### ADDITIONAL INFORMATION

#### Related Product Information for HSD17B10 recombinant protein

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. [provided by RefSeq, Aug 2014]

#### Product Categories/Family for HSD17B10 recombinant protein

[Bioactive Protein](#)

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 83715985                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 3028                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_001032900.1                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001037811.2                                                                                                                                                                                                                                                  |
| UniProt Accession #              | Q99714; Q5H927; Q8TCV9; Q96HD5                                                                                                                                                                                                                                  |
| Molecular Weight                 | 26,923 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | 3-hydroxyacyl-CoA dehydrogenase type-2 isoform 2                                                                                                                                                                                                                |
| NCBI Official Synonym Full Names | hydroxysteroid (17-beta) dehydrogenase 10                                                                                                                                                                                                                       |
| NCBI Official Symbol             | HSD17B10                                                                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | ABAD; CAMR; ERAB; HCD2; MHBD; HADH2; MRPP2; MRX17; MRX31; SCHAD; MRXS10; SDR5C1; 17b-HSD10; DUPXP11.22                                                                                                                                                          |
| NCBI Protein Information         | 3-hydroxyacyl-CoA dehydrogenase type-2; mitochondrial RNase P subunit 2; AB-binding alcohol dehydrogenase; mitochondrial ribonuclease P protein 2; 3-hydroxy-2-methylbutyryl-CoA dehydrogenase; short chain type dehydrogenase/reductase XH98G2; amyloid-beta p |
| UniProt Protein Name             | 3-hydroxyacyl-CoA dehydrogenase type-2                                                                                                                                                                                                                          |
| UniProt Gene Name                | HSD17B10                                                                                                                                                                                                                                                        |
| UniProt Synonym Gene Names       | ERAB; HADH2; MRPP2; SCHAD; XH98G2; 17-beta-HSD 10; Mitochondrial RNase P protein 2                                                                                                                                                                              |
| UniProt Entry Name               | HCD2_HUMAN                                                                                                                                                                                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/hsd17b10-recombinant-protein-hek293/47546>