

## Recombinant Human HSD17B7 Protein, MYC/DDK-tagged

Cat. No. HSD17B7-2129H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                        |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant human HSD17B7 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293                                                                                                                                                                                                      |
| Species          | Human                                                                                                                                                                                                                                                                                                  |
| Source           | HEK293                                                                                                                                                                                                                                                                                                 |
| Description      | HSD17B7 encodes an enzyme that functions both as a 17-beta-hydroxysteroid dehydrogenase (EC 1.1.1.62) in the biosynthesis of sex steroids and as a 3-ketosteroid reductase (EC 1.1.1.270) in the biosynthesis of cholesterol (Marijanovic et al., 2003 [PubMed 12829805]).[supplied by OMIM, May 2010] |
| Form             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                  |
| Molecular Mass   | 38 kDa                                                                                                                                                                                                                                                                                                 |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                            |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                       |

### GENE INFORMATION

|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Gene Name       | HSD17B7 hydroxysteroid (17-beta) dehydrogenase 7 [ Homo sapiens ] |
| Official Symbol | HSD17B7                                                           |

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|                       |               |
|-----------------------|---------------|
| <b>Synonyms</b>       | PRAP; SDR37C1 |
| <b>Gene ID</b>        | 51478         |
| <b>mRNA Refseq</b>    | NM_016371     |
| <b>Protein Refseq</b> | NP_057455     |
| <b>MIM</b>            | 606756        |
| <b>UniProt ID</b>     | P56937        |

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