

Recombinant Human HSD17B7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HSD17B7-3193H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HSD17B7 MS Standard C13 and N15-labeled recombinant protein (NP_057455) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	38.2 kDa
AA Sequence	MRKVVLTGASSGIGLALCKRLLAEDDELHLCLACRNMSKAEAVCAALLASHPTAEVT IVQVDVSNLQSVFRASKELKQRFQRLDCIYLNAGIMPNPQLNIKALFFGLFSRKVIHM FSTAEGLLTQGDKITADGLQEVFETNVFGHFILIRELEPLLCHSDNPSQLIWTSSRSA RKS NFSLEDFQHSKGKEPYSSSKYATDLLSVALNRNFNQQGLYSNVACPGTALTNL TYGILPPFIWTLMLPAILLRFFANAFTLTPYNGTEALVWLFHQKPESLNPLIKYLSATT GFG RNYIMTQKMDLDEDTAEKFYQKLLELEKHIRVTIQKTDNQARLSGSCLTRTRPL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name HSD17B7 hydroxysteroid 17-beta dehydrogenase 7 [Homo sapiens (human)]

Official Symbol HSD17B7

Synonyms HSD17B7; hydroxysteroid (17-beta) dehydrogenase 7; 3-keto-steroid reductase; PRAP; SDR37C1; short chain dehydrogenase/reductase family 37C; member 1; 17-beta-HSD 7; estradiol 17-beta-dehydrogenase 7; 17beta hydroxysteroid dehydrogenase; 17-beta-hydroxysteroid dehydrogenase 7; 17 beta-hydroxysteroid dehydrogenase type VII; short chain dehydrogenase/reductase family 37C, member 1; MGC12523; MGC75018;

Gene ID 51478

mRNA Refseq NM_016371

Protein Refseq NP_057455

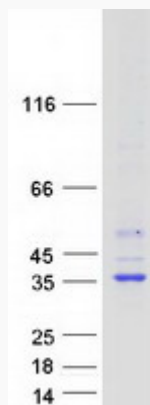
MIM 606756

UniProt ID P56937

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SDS-PAGE

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