

Recombinant Human HSD17B12 protein, His-tagged

Cat. No. HSD17B12-2821H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSD17B12 protein(203 - 271 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	203 - 271 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SATKTFVDFFSQCLHEEYRSKGVFVQSVLPYFVATKLAKIRKPTLDKPSPETFVKSAIKTVGLQSRTNG
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name [HSD17B12 hydroxysteroid \(17-beta\) dehydrogenase 12 \[Homo sapiens \]](#)

Official Symbol [HSD17B12](#)

Synonyms HSD17B12; hydroxysteroid (17-beta) dehydrogenase 12; estradiol 17-beta-dehydrogenase 12; 3 ketoacyl CoA reductase; KAR; SDR12C1; short chain dehydrogenase/reductase family 12C; member 1; 17-beta-HSD 12; 17beta-HSD type 12; 3-ketoacyl-CoA reductase; steroid dehydrogenase homolog; 17-beta-hydroxysteroid dehydrogenase 12; short chain dehydrogenase/reductase family 12C, member 1;

Gene ID [51144](#)

mRNA Refseq [NM_016142](#)

Protein Refseq [NP_057226](#)

MIM [609574](#)

UniProt ID [Q53GQ0](#)

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