

Product information

HSD17B14, 1-270aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0798

Full name: 17-beta-hydroxysteroid dehydrogenase 14

NCBI Accession No.: NP_057330

Synonyms: DHRS10, retSDR3, SDR47C1,

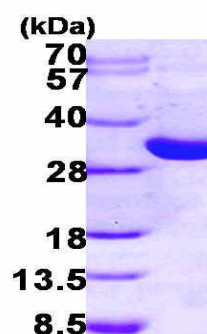
Description: HSD17B14, also known as 17-beta-hydroxysteroid dehydrogenase 14, belongs to the 17-beta-HSD family of proteins, which regulate the availability of steroids within various tissues rough out the body. It exists as a homotetramer that localizes to the cytoplasm and is highly expressed in brain, placenta, liver and kidney. Recombinant human HSD17B14 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol
0.1M NaCl, 1mM DTT

Molecular Weight: 32.4 kDa (306aa) confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 1.0 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMATG TRYAGKVVVV TGGGRIGAG IVRAFVNSGA RVVICDKDES GGRALEQELP
GAVFILCDVT QEDDVKTLSV ETIRRFGRLD CVVNNAGHHP PPQRPEETSA QGFRQLLELN LLGTYTLTKL ALPYLRKSQG NVINISLTVG
AIGQAQAVPY VATKGAVTAM TKALALDESP YGVRVNCISP GNIWTPLWEE LAALMPDPRA TIREGMLAQP LGRMGQPAEV GAAAVFLASE
ANFCTGIELL VTGGAELGYG CKASRSTPVD APDIPS

General references:

Grimwood J., *et al.* (2004), *Nature.*, 428: 529-535.

Lukacik P., *et al.* (2007). *Biochem. J.*, 402: 419-427

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.