

Product datasheet for **AR09738PU-L**

17-beta HSD14 / HSD17B14 (1-270, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	17-beta HSD14 / HSD17B14 (1-270, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MRGSHHHHHH</u> <u>GMASMTGGQQ</u> <u>MGRDLYDDDD</u> <u>KDRWGSMATG</u> TRYAGKVVW TGGGRGIGAG IVRAFNNSGA RVVICDKDES GGRALEQELP GAVFILCDVT QEDDVKTLVS ETIRRFGRLD CVVNNAGHHP PPQRPEETSA QGFRQLLELN LLGTYTLTKL ALPYLRKSQG NVINISLVG AIGQAQAVPY VATKGAVTAM TKALALDESP YGVRVNCISP GNIWTPWLWE LAALMPDPRA TIREGMLAQP LGRMGQPAEV GAAAVFLASE ANFCTGIELL VTGGAELGYG CKASRSTPVD APDIPS
Tag:	His-tag
Predicted MW:	32.4 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HSD17B14 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_057330</u>
Locus ID:	51171
UniProt ID:	<u>Q9BPX1</u> , <u>A0A140VJH8</u>
Cytogenetics:	19q13.33
Synonyms:	DHRS10; retSDR3; SDR47C1



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Summary: 17-beta-hydroxysteroid dehydrogenases, such as HSD17B14, are primarily involved in metabolism of steroids at the C17 position and also of other substrates, such as fatty acids, prostaglandins, and xenobiotics (Lukacik et al., 2007 [PubMed 17067289]).[supplied by OMIM, Jun 2009]

Protein Families: Druggable Genome

Product images:

