

Product datasheet for PH302531

HSD17B14 (NM_016246) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HSD17B14 MS Standard C13 and N15-labeled recombinant protein (NP_057330)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202531
Predicted MW:	28.3 kDa
Protein Sequence:	>RC202531 protein sequence Red =Cloning site Green =Tags(s) MATGTRYAGKVVVVTGGGRGIGAGIVRAFVNSGARVVICDKDESGGRALEQELPGAVFILCDVTQEDDVK TLVSETIRRFGRLCDVNNAGHHPPQRPPEETSAQGFRQLLELNLGTYTLTKLALPYLRKSQGNVINIS SLVGAIGQAQAVPYVATKGAVTAMTKALALDESPYGVRVNCISPGNIWTPLWEEL AALMPDPRATIREGM LAQPLGRMGQPAEVGAAAVFLASEANFCTGIELLVTGGAELGYGCKASRSTPVDAPDIPS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_057330
RefSeq Size:	1277
RefSeq ORF:	810
Synonyms:	DHRS10; retSDR3; SDR47C1
Locus ID:	51171
UniProt ID:	Q9BPX1 , A0A140VJH8



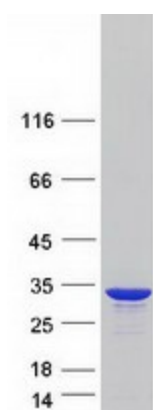
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Cytogenetics: 19q13.33

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:



Coomassie blue staining of purified HSD17B14 protein (Cat# [TP302531]). The protein was produced from HEK293T cells transfected with HSD17B14 cDNA clone (Cat# [RC202531]) using MegaTran 2.0 (Cat# [TT210002]).