

Product datasheet for TP302531L

HSD17B14 (NM_016246) Human Recombinant Protein

Product data:

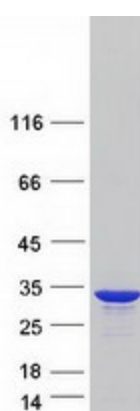
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hydroxysteroid (17-beta) dehydrogenase 14 (HSD17B14), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202531 protein sequence Red =Cloning site Green =Tags(s)
	 MATGTRYAGKVVVTTGGGRGIGAGIVRAFNNSGARVVICDKDESGGRALEQELPGAVFILCDVTQEDDVK TLVSETIRRFGRLCDVNNAGHHPPPQRPEETSAQGFRLLELNLLGTYTLTKLALPYLRKSQGNVINIS SLVGAIGQAQAVPYVATKGAVTAMTKALALDESPYGVRVNCISPGNIWTPLEELAALMPDPRATIREGM LAQPLGRMGQPAEVGAAAVFLASEANFCTGIELLVTGGAELGYGCKASRSTPVDAPDIPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	28.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_057330</u>
Locus ID:	51171



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UniProt ID:	Q9BPX1
RefSeq Size:	1277
Cytogenetics:	19q13.33
RefSeq ORF:	810
Synonyms:	DHRS10; retSDR3; SDR47C1
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]).