

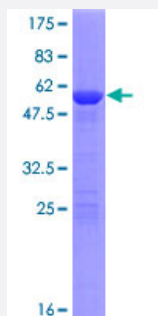
Full-Length

HSD17B14 (Human) Recombinant Protein (P01)

Catalog # H00051171-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HSD17B14 full-length ORF (NP_057330.2, 1 a.a. - 270 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATGTRYAGKVVVVVTGGGRGIGAGIVRAFVNSGARVVICDKDESGGRALEQELPGAVFILCDVTQ
EDDVKTLVSETIRRFGRLCDVNNAGHPPPPQRPEETSAQGFRQLLELNLLGTYTLTKLALPYLRK
SQGNVINISLVAIGQAQAVPYVATKGAVTAMTKALALDESPYGVVNCISPGNWTPLWEELAA
LMPDPRATIREGMLAQPLGRMGQPAEVGAAAVFLASEANFCTGIELLVTTGAELGYGCKASRST
PVDAPDIPS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

54.7

Interspecies Antigen Sequence

Mouse (81); Rat (80)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HSD17B14

Entrez GeneID[51171](#)**GeneBank Accession#**[NM_016246.2](#)**Protein Accession#**[NP_057330.2](#)**Gene Name**

HSD17B14

Gene Alias

DHRS10, SDR47C1, retSDR3

Gene Description

hydroxysteroid (17-beta) dehydrogenase 14

Gene Ontology[Hyperlink](#)**Gene 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]

Other Designations

dehydrogenase/reductase (SDR family) member 10|retinal short-chain dehydrogenase/reductase 3|short chain dehydrogenase/reductase family 47C, member 1