

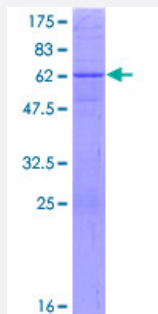
Full-Length

DHRS7 (Human) Recombinant Protein (P01)

Catalog # H00051635-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DHRS7 full-length ORF (NP_057113.1, 1 a.a. - 339 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNWELLWLLVLCALLLLVQLLRFLRADGDLTLLWAEWQGRPEWELTDMVVWVTGASSGIGE
ELAYQLSKLGVSLVLSARRVHELERVKRRCLENGNLKEKDILVPLDLTDTGSHEAATKAVLQEF
GRIDLVNNGGMSQRSCLMDTSLDVYRKLIELNYLGTVSLTKCVLPHMIERKQGKIVTVNSILGISVP
LSIGYCASKHALRGFFNGLRTELATYPGIIVSNICPGPVQSNIVENSLAGEVTKTIGNNGDQSHKMTT
SRCVRLMLISMANDLKEVWISEQPFLVTVLWQYMPWAWWITNKMGGKRIENFKSGVDADSSYF
KIFKTKHD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.7

Interspecies Antigen Sequence

Mouse (79); Rat (77)

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 — DHRS7

Entrez GeneID[51635](#)**GeneBank Accession#**[NM_016029.1](#)**Protein Accession#**[NP_057113.1](#)**Gene Name**

DHRS7

Gene Alias

CGI-86, SDR34C1, retDSR4, retSDR4

Gene Description

dehydrogenase/reductase (SDR family) member 7

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

Short-chain dehydrogenases/reductases (SDRs), such as DHRS7, catalyze the oxidation/reduction of a wide range of substrates, including retinoids and steroids (Haeseleer and Palczewski, 2000 [PubMed 10800688]).[supplied by OMIM]

Other Designations

2310016E22Rik|retinal short-chain dehydrogenase/reductase 4|short chain dehydrogenase/reductase family 34C, member 1