

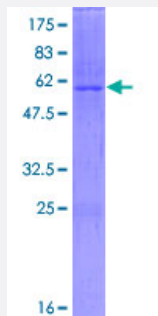
Full-Length

DHRS3 (Human) Recombinant Protein (P01)

Catalog # H00009249-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DHRS3 full-length ORF (NP_004744.2, 1 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVWKRLGALVMFPLQMMLVVKAAVGLVLPALRLDLSRENVLTGGGRGIGRQLAREFAERGARKI
VLWGRTEKCLKETTEEIRQMGTECHYFICDVGNREEVYQTAKAVREKVGDTILVNNAAVVHGKSL
MDSDDDALLKSQHINTLGQFWTTKAFLPRMLELQNGHIVCLNSVLALSAIPGAIDYCTSKASAFAP
MESLTLGLLDCPGVSATTVLPFHTSTEMFQGMVRFPNLPPLKPETVARRTVEAVQLNQALLLL
PWTMHALVILKSILPQAALEEIHKFSGTTCMNTFKGRT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

59.9

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 — DHRS3

Entrez GeneID	9249
GeneBank Accession#	NM_004753.4
Protein Accession#	NP_004744.2
Gene Name	DHRS3
Gene Alias	RDH17, Rsdr1, SDR1, SDR16C1, retSDR1
Gene Description	dehydrogenase/reductase (SDR family) member 3
Gene Ontology	Hyperlink
Gene Summary	Short-chain dehydrogenases/reductases (SDRs), such as DHRS3, 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	OTTHUMP00000001866 short chain dehydrogenase/reductase family 16C, member 1 short-chain dehydrogenase/reductase 1

Pathway

- [Metabolic pathways](#)
- [Retinol metabolism](#)

Disease

- [Tobacco Use Disorder](#)