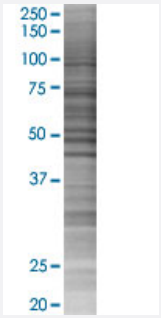
DHRS3 293T Cell Transient Overexpression Lysate(Denatured)

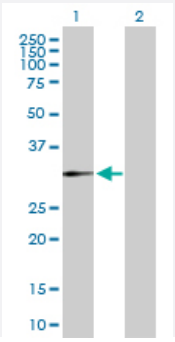
Catalog # H00009249-T02 Size 100 uL

Applications



SDS-PAGE Gel

DHRS3 transfected lysate.



Western Blot

Lane 1: DHRS3 transfected lysate (33.50 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DHRS3 full-length
Host	Human
Theoretical MW (kDa)	33.5
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-DHRS3 antibody (H00009249-B01P) by W estern Blots. SDS-PAGE Gel DHRS3 transfected lysate. Western Blot Lane 1: DHRS3 transfected lysate (33.50 KDa) Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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