

Product datasheet for TP301180

DHRS3 (NM_004753) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dehydrogenase/reductase (SDR family) member 3 (DHRS3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201180 protein sequence Red =Cloning site Green =Tags(s)

MVWKRLGALVMFPLQMIYLVKAAVGLVLPALRLDLSRENVLITGGGRGIGRQLAREFAERGARKIVLWG
RTEKCLKETTEEIRQMGTECHYFICDVGNREEVYQTAKAVREKVGDITILVNNAAVVHGKSLMDSDDAL
LKSQHINTLGQFWTTKAFPRMLELQNGHIVCLNSVLALSIPAIDYCTSKASAFAMESLTLGLLDCP
GVSATTVLPFHTSTEMFQGMVRFPNLFPPLPETVARRTVEAVQLNQALLLPWTMHALVILKSILPQA
ALEEIHKFSGTYTCMNTFKGRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

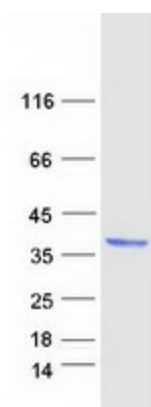
Tag:	C-Myc/DDK
Predicted MW:	33.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	NP_004744
Locus ID:	9249



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UniProt ID:	O75911
RefSeq Size:	1741
Cytogenetics:	1p36.21
RefSeq ORF:	906
Synonyms:	DD83.1; RDH17; retSDR1; Rsdr1; SDR1; SDR16C1
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, Jun 2009]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Metabolic pathways, Retinol metabolism

Product images:



Coomassie blue staining of purified DHRS3 protein (Cat# TP301180). The protein was produced from HEK293T cells transfected with DHRS3 cDNA clone (Cat# [RC201180]) using MegaTran 2.0 (Cat# [TT210002]).