Recombinant Human DECR1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DECR1-733H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DECR1 MS Standard C13 and N15-labeled recombinant protein (NP_001350) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an accessory enzyme which participates in the beta-oxidation and metabolism of unsaturated fatty enoyl-CoA esters.
Molecular Mass	36.1 kDa
AA Sequence	MKLPARVFFTLGSRLPCGLAPRRFFSYGTKILYQNTEALQSKFFSPLQKAMLPPNSF QGKVAFITGGGTGLGKGMTTLLSSLGAQCVIASRKMDVLKATAEQISSQTGNKVHAI QCDVRDPDMVQNTVSELIKVAGHPNIVINNAAGNFISPTERLSPNAWKTITDIVLNGT AFVTLEIGKQLIKAQKGAAFLSITTIYAETGSGFVVPSASAKAGVEAMSKSLAAEWGK YGMRFNVIQPGPIKTKGAFSRLDPTGTFEKEMIGRIPCGRLGTVEELANLAAFLCSDY ASWINGAVIKFDGGEEVLISGEFNDLRKVTKEQWDTIEELIRKTKGSTRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

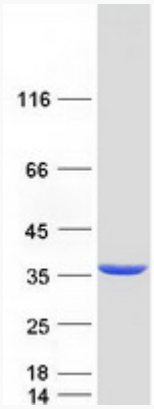
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DECR1 2,4-dienoyl-CoA reductase 1 [Homo sapiens (human)]
Official Symbol	DECR1
Synonyms	DECR1; 2,4-dienoyl CoA reductase 1, mitochondrial; DECR; 2,4-dienoyl-CoA reductase, mitochondrial; SDR18C1; short chain dehydrogenase/reductase family 18C; member 1; 4-enoyl-CoA reductase; short chain dehydrogenase/reductase family 18C, member 1; NADPH;
Gene ID	1666
mRNA Refseq	NM_001359
Protein Refseq	NP_001350
MIM	222745
UniProt ID	Q16698

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA