

Product datasheet for **TP311257L**

DEC1 (NM_001359) Human Recombinant Protein

Product data:

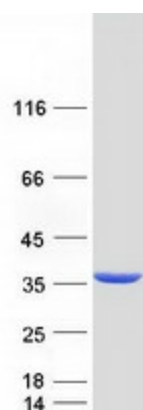
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human 2,4-dienoyl CoA reductase 1, mitochondrial (DEC1), nuclear gene encoding mitochondrial protein, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211257 protein sequence Red =Cloning site Green =Tags(s)
	 MKLPARVFFTLGSRLPCGLAPRRFFSYGKILYQNTALQSKFFSPLQKAMLPPNSFQGVAFITGGGTG LGKGM TLLSSLGAQCVIASRKMDVLKATAEQISSQTGNKVHAIQCDVRDPMVQNTVSELIKVAGHPNI VINNAAGNFISPTERLSPNAWKTITDIVLNGTAFVTLEIGKQLIKAQKGA AFLSITTIYAETGSGFVPS ASAKAGVEAMSKSLAAEWGKYGMRFNVIQPGPIKTKGAFSRLDPTGTFEKEMIGRIPCGR LGTVEELANL AAFLCSDYASWINGAVIKFDGGEEVLISGEFNDLRKVTKEQWDTIEELIRKTKGS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	32.1 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:	<u>NP_001350</u>
Locus ID:	1666



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UniProt ID:	Q16698 , A0A024R9D7
RefSeq Size:	1251
Cytogenetics:	8q21.3
RefSeq ORF:	1005
Synonyms:	DECR; NADPH; SDR18C1
Summary:	This gene encodes an accessory enzyme which participates in the beta-oxidation and metabolism of unsaturated fatty enoyl-CoA esters. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified DECR1 protein (Cat# [TP311257]). The protein was produced from HEK293T cells transfected with DECR1 cDNA clone (Cat# [RC211257]) using MegaTran 2.0 (Cat# [TT210002]).