

## Product datasheet for **TP519885**

### Decr1 (NM\_026172) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse 2,4-dienoyl CoA reductase 1, mitochondrial (Decr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219885 representing NM_026172 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MALLGRAFFAGVSR L PCDPGPQRFFSFGTKTLYQSKDAPQSKFFQPVLK PMLPPDAFQGKVAFITGGGTG LGKAMTTFLSTLGAQCVIASRNIDVLKATAEEISSKTGNKVHAIRCDVRDPMVHNTVLELIKVAGHPDV VINNAAGNFISPSERLTPNGWKTITDIVLNGTAYVTLEIGKQLIKAQKGAFLAITTIYAESGSGFVMPS SSAKSGVEAMNKSLAAEWGRYGMRFNIIQPGPIKTKGAFSRLDPTGRFEKEMIDRIPCGR LGTMEELANL ATFLCSDYASWINGAVIRFDGGEEVFLSGEFNSLKKVTKEEWDIIIEGLIRKTKGS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	36.2 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
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 after receiving vials.
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:	<a href="#">NP_080448</a>
Locus ID:	67460
UniProt ID:	<a href="#">Q9CQ62</a> , <a href="#">Q4FIK0</a>



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**RefSeq Size:** 3082

**Cytogenetics:** 4 A2

**RefSeq ORF:** 1005

**Synonyms:** 1200012F07Rik; Decr; Nadph

**Summary:** Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA (By similarity). [UniProtKB/Swiss-Prot Function]