

Product datasheet for **TP526064**

Ddc (NM_016672) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dopa decarboxylase (Ddc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226064 representing NM_016672 Red =Cloning site Green =Tags(s)

MDSREFRRRGKEMVDYIADYLDGIEGRPVYPDVEPGYLRLIPATAPQEPETYEDIKIDIEKIIMPGVTH
WHSPYFFAYFPTASSYPAMLADMLCGAIGCIGFSWAASPACTELETVMMDWLKGKMLELPEAFLAGRAGEG
GGVIQGSASEATLVALLAARTKIRQLQAASPEFTQAIMEKLVAYTSDQAHSSVERAGLIGGIKLVKAVP
SDGNFMSRASALREALERDKAAGLIPFFVATLGTTSCCSFDNLLEVGPICNQEGVWLHIDAAYAGSAFI
CPEFRYLLNGVEFADSFNPNPHKWLLVNFDCSAMWVKRRDLDLTGAFNMDPVYLKSHQDSGFITDYRHWQ
IPLGRRFRSLKMWFVFRMYGVKGLQAYIRKHVELSHEFESLVRQDPREICTEVLGLVCFRLKGSNELN
ETLLQRINSAKKIHLVPCRLRDKFVLRFAVCARTVESAHVQLAWEHISDLASSVLRAEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	54.3 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:	<u>NP_057881</u>
Locus ID:	13195



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UniProt ID:	<u>Q88533</u> , <u>Q5SUV8</u>
RefSeq Size:	1967
Cytogenetics:	11 7.09 cM
RefSeq ORF:	1440
Synonyms:	Aadc
Summary:	Catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine.[UniProtKB/Swiss-Prot Function]