

Product datasheet for **TP301274M**

Sarcosine Oxidase (PIPOX) (NM_016518) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human pipecolic acid oxidase (PIPOX), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC201274 protein sequence
Red=Cloning site **Green**=Tags(s)

MAAQKDLWDAIVIGAGIQGCFTAYHLAKHRKRILLLEQFFLPHSRGSSHGQSRIIRKAYLEDFYTRMMHE
CYQIWAQLEHEAGTQLHRQTGLLLGMKENQELKTIQANLSRQRVEHQCLSSEELKQRFNPINRLPRGEVG
LLDNSGGVIYAYKALRALQDAIRQLGGIVRDGEKVVEINPGLLVTVKTTSSRSYQAKSLVITAGPWTNQLL
RPLGIEMPLQTLRINVCYWREMPGSYGVSQAFPCFLWLGLCPHHIYGLPTGEYPGLMKVSYHHGNHADP
EERDCPTARTDIGDVQILSSFVRDHLPLDKPEPAVIESCMYTNTPDEQFILDRHPKYDNIVIGAGFSGHG
FKLAPVVGKILYELSMKLTPSYDLAPFRISRFPPLGKAHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 43.9 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_057602](#)

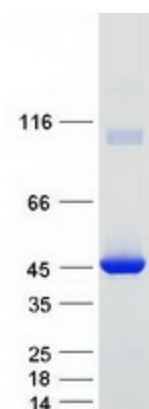
Locus ID: 51268



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UniProt ID:	Q9P0Z9
RefSeq Size:	2412
Cytogenetics:	17q11.2
RefSeq ORF:	1170
Synonyms:	LPIPOX
Summary:	Metabolizes sarcosine, L-pipecolic acid and L-proline.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane
Protein Pathways:	Glycine, serine and threonine metabolism, Lysine degradation, Metabolic pathways

Product images:



Coomassie blue staining of purified PIPOX protein (Cat# [TP301274]). The protein was produced from HEK293T cells transfected with PIPOX cDNA clone (Cat# [RC201274]) using MegaTran 2.0 (Cat# [TT210002]).