

Product datasheet for TP301274L

Sarcosine Oxidase (PIPOX) (NM_016518) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pipecolic acid oxidase (PIPOX), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201274 protein sequence Red=Cloning site Green=Tags(s)

MAAQKDLWDAIVIGAGIQGCFTAYHLAKHRKRILLLEQFFLPHSRGSSHGQSRIIRKAYLEDFYTRMMHE
CYQIWAQLEHEAGTQLHRQTGLLLGMKENQELKTIQANLSRQRVEHQCLSSEELKQRFNPRLPRGEVG
LLDNSGGVIYAYKALRALQDAIRQLGGIVRDGEKVVEINPGLLVTVKTTSSRSYQAKSLVITAGPWTNQLL
RPLGIEMPLQTLRINVCYWREMPGSYGVSQAFPCFLWLGLCPHHIYGLPTGEYPGLMKVSYHHGNHADP
EERDCPTARTDIGDVQILSSFVRDHLPLDKPEPAVIESCMYTNTPDEQFILDRHPKYDNIVIGAGFSGHG
FKLAPVVGKILYELSMKLTPSYDLAPFRISRFPPLGKAHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

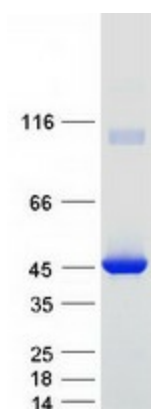
Tag:	C-Myc/DDK
Predicted MW:	43.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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]).