

Recombinant Human PIPOX Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PIPOX-2184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PIPOX MS Standard C13 and N15-labeled recombinant protein (NP_057602) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Metabolizes sarcosine, L-pipecolic acid and L-proline.
Molecular Mass	44.1 kDa
AA Sequence	MAAQKDLWDAIVIGAGIQGCFTAYHLAKHRKRILLLEQFFLPHSRGSSSHGQSRIIRKA YLEDFYTRMMHECYQIWAQLEHEAGTQLHRQTGLLLLGMKENQELKTIQANLSRQR VEHQCLSSEELKQRFNIRLPRGEVGLLDNSGGVIYAYKALRALQDAIRQLGGIVRD GEKVVEINPGLLVTVKTTSRSYQAKSLVITAGPWTNQLLRPLGIEMPLQTLRINVCYW REMVPGSYGVSQAFFPCFLWLGLCPHHIYGLPTGEYPGLMKVSYHHGNHADPEERD CPTARTDIGDVQILSSFVRDHLPLDKPEPAVIESCMYTNTPDEQFILDRHPKYDNIVIG AGFSGHGFKLAPVVGKILYELSMKLTPSYDLAPFRISRFP SLGKAHLTRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

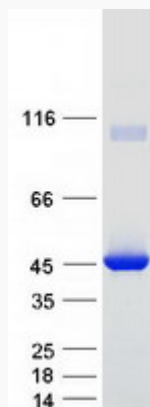
Gene Name	PIPOX pipecolic acid oxidase [Homo sapiens (human)]
Official Symbol	PIPOX
Synonyms	PIPOX; pipecolic acid oxidase; peroxisomal sarcosine oxidase; L pipecolic acid oxidase; LPIPOX; PSO; L-pipecolate oxidase; L-pipecolic acid oxidase;
Gene ID	51268
mRNA Refseq	NM_016518
Protein Refseq	NP_057602
MIM	616713
UniProt ID	Q9P0Z9

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SDS-PAGE



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