

32-8274: Recombinant Human Ornithine Decarboxylase/ODC1 (C-6His, N-T7 tag)

Gene : ODC1
Gene ID : 4953
Uniprot ID : P11926

Description

Source: E. coli.
MW :53.5kD.

Recombinant Human Ornithine decarboxylase is produced by our E.coli expression system and the target gene encoding Met1-Val461 is expressed with a T7 tag at the N-terminus, 6His tag at the C-terminus. Ornithine decarboxylase (ODC1) is an enzyme which belongs to the Orn/Lys/Arg decarboxylase class-II family. ODC1 is the rate-limiting enzyme of the polyamine biosynthesis pathway which catalyzes ornithine to putrescine. The activity level for the enzyme varies in response to growth-promoting stimuli and exhibits a high turnover rate in comparison to other mammalian proteins.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl,150mM NaCl, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MASMTGGQQMGRGSMNFGNEEFDCHFLDEGFTAKDILDQKINEVSSDDKDAFYVADLGDILKKHLRWLKA
LPRVTPFYAVKCND SKAIVKTLAATGTGFDCASKTEIQLVQSLGVPPERIIYANPCKQVSIKYAANNGVQMMTF
DSEVELMKVARAHPKAKLVLRIATDDSKAVCRLSVKFGATLRTRSRLLLERAKELNIDVVGVSFHVSGGCTDPETF
VQAISDARCVFDMGAEVGFMSYLLDIGGGFPGSEDEVKLFEEITGVINPALDKYFPSDSGVRIIAEPGRYYVASAF
TLAVNIIAKKIVLKEQTGSDDDESESEQTFMYVYVNDGVYGSFNCILYDHAHVKPLLQKRPKPDEKYYSSSIWGPT
CDGLDRIVERCDLPEMHVGDWMLFENMGAYTVAAASTFNGFQRPTIYYVMSPAWQLMQQFQNPDPFPEVE
EQDASTLPVSCAWESGMKRHRAACASASINVLEHHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.