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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ODC1 (Human) Recombinant Protein (P01)

Catalog Number: H00004953-P01

Regulation Status: For research use only (RUO)

Product Description: Human ODC1 full-length ORF (AAH25296, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MNCFGNEEFDCHFLDEGFTAKDILDQKINEVSSDDK
DAFYVADLGDILKKHLRWLALPRVTPFYAVKCNSKA
IVKTLAATGAGFDCASKTEIQLVQSLGVPPERIIYANPC
KQVSQIKYAANNGVQMMTFDSEVELMKVARAHPKAKL
VLRIATDDSKAVCRLSVKFGATLRTSRLLLERAKELNID
VVGVSFHVSGCTDPETFVQAISDARCVFDMGAEVGF
SMYLLDIGGGFPGSEDEVKLFEEITGVINPALDKYFSPD
SGVRIIAEPGRYYVASAFTLAVNIIAKKIVLKEQTGSDDDE
DESSEQTFMYVNDGVYGSFNCILYDHAHVKPLLQKR
PKPDEKYYSSSIWGPTCDGLDRIVERCDLPEMHVGD
WMLFENMGAYTVAAASTFNGFQRPTIYYVMSGPAWQ
LMQQFQNPDPPEVEEQDASTLPVSCAWESGMKRHR
AACASASINV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 76.45

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4953

Gene Symbol: ODC1

Gene Alias: ODC

Gene Summary: This gene encodes 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. Originally localized to both chromosomes 2 and 7, the gene encoding this enzyme has been determined to be located on 2p25, with a pseudogene located on 7q31-qter. [provided by RefSeq]