

Product datasheet

Recombinant Human Ornithine Decarboxylase/ODC protein ab185390

Description

Product name	Recombinant Human Ornithine Decarboxylase/ODC protein	
Purity	> 95 % SDS-PAGE. As determined by SEC-HPLC and reducing SDS-PAGE.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Escherichia coli	
Accession	P11926	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre>MASMTGGQQMGRGSMNFGNEEFDCHFLDEGFTAKDIL DQKINEVSSSD KDAFYVADLGDILKKHLRWLALPRVTPFYAVKCNDSKAI VKTLAATGTG FDCASKTEIQLVQSLGVPPERIIYANPCKQVSQIKYAANNG VQMMTFDSE VELMKVARAHPKAKLVLRATDDSKAVCRLSVKFGATLRT SRLLLERAKE LNIDVVGVSFHVSGCTDPETFVQAISDARCVFDMGAEV GFSMYLLDIGG GFPGSEDVCLKFEEITGVINPALDKYFPSDSGVRIIAEPGRY YVASAFTL AVNIIAKKMLKEQTGSDDDESESEQTFMYVNDGVYGSFN CILDHAHV KPLLQKRPKPDEKYSSSIWGPTCDGLDRMERC DLPEMH VGDWMLFENM GAYTVAAASTFNGFQRPTIYVMSGPAWQLMQQFQNPDF PPEVEEQDAST LPVSCAWESGMKRHRAACASASINVLEHHHHHHH</pre>	
Predicted molecular weight	54 kDa including tags	
Amino acids	1 to 461	
Tags	His tag C-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab185390** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Liquid
Additional notes	Previously labelled as Ornithine Decarboxylase.

Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris HCl, 0.88% Sodium chloride Supplied as a 0.2 µM filtered solution
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General Info

Pathway	Amine and polyamine biosynthesis; putrescine biosynthesis via L-ornithine pathway; putrescine from L-ornithine: step 1/1.
Sequence similarities	Belongs to the Orn/Lys/Arg decarboxylase class-II family.
Post-translational modifications	S-Nitrosylation inhibits the enzyme. S-Nitrosylated in vitro on 4 cysteine residues.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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