

Product Data Sheet

Recombinant Human ODC1 Protein

Catalog #	Source	Reactivity	Applications
CRP2041	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human ODC1 Protein is produced by 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.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
Gene Symbol	ODC1		
Alternative Names	Ornithine decarboxylase; ODC		
Entrez Gene	4953 (Human)		
SwissProt	P11926 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MASMTGGQQM GRGSMNNFGN EEFDCHFLDE GFTAKDILDQ KINEVSSDD KDAFYVADLG DILKKHLRWL KALPRVTPFY AVKCNSDKAI VKTLAATGTG FDCASKTEIQ LVQSLGVPPE RIIYANPCKQ VSQIKYAANN GVQMMTFDSE VELMKVARAH PKAKLVLRIA TDDSKAVCRL SVKFGATLRT SRLLLERAKE LNIDVVGVSF HVGSGCTDPE TFVQAISDAR CVFDMGAEVG FSMYLLDIGG GFPGSEDKL KFEETGVIN PALDKYFSPD SGVRIIAEPG RYYVASAFTL AVNIIAKKIV LKEQTGSDD DESSEQTFMY YVNDGVYGSF NCILYDHAHV KPLLQKRPKP DEKYSSSIW GPTCDGLDRI VERCDLPEMH VGDWMLFENM GAYTVAAAST FNGFQRPTIY YVMSGPAWQL MQQFQNPDPF PEVEEQDAST LPVSCAWESG MKRHRAACAS ASINVLEHHH HHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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