

Recombinant Human ODC1 Protein

| Catalog # | Source | Reactivity | Applications |
|-----------|---------|------------|---------------------|
| CRP2041 | E. coli | Human | E, WB, SDS-PAGE, MS |

Description Recombinant Human ODC1 Protein 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.

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 GRGSMNFGN EEFDCFLDE GFTAKDILDQ KINEVSSDD
 KDAFYVADLG DILKKHLRWL KALPRVTPFY AVKCNSKAI VKTLAATGTG FDCASKTEIQ
 LVQSLGVPPE RIIYANPCKQ VSQIKYAANN GVQMMTFDSE VELMKVARAH PKAKLVLRIA
 TDDSKAVCRL SVKFGATLRT SRLLLERAKE LNIDVVGVSF HVGSGCTDPE TFVQAISDAR
 CVFDMGAEVG FSMYLLDIGG GFPGESEVVKL 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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

Storage/Stability Store it at -20°C to -80°C for one year.

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

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com