

Ornithine Decarboxylase Recombinant Protein | ODC recombinant protein

Recombinant Ornithine Decarboxylase (ODC)

CATALOG # AAA150229	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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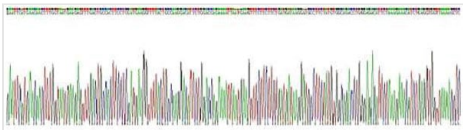
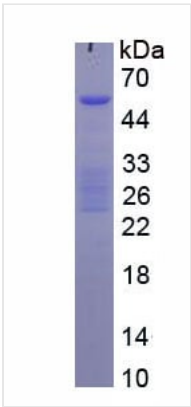
PRODUCT SYNONYMS

Ornithine Decarboxylase; Recombinant Ornithine Decarboxylase (ODC); ODC1; ODC recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5% Trehalose
Concentration	Original Concentration: 100ug/mL (varies by lot)
Applicable Applications for ODC recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Val461
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.0
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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MINFGNEEFD CHFLDEGFTA KDILDQKINE VSSSDKDAF YVADLGDIK  
KHLRWLKALP RVTFFYAVKC NDSKAIVKTL AATGTGFDA SKTEIQLVQS  
LGVPPERIIY ANPCKQVSQI KYAANNGVQM MTFDSEVELM KVARAHPKAK  
LVLRIATDQS KAVCLSVKF GATLRISRLL LERAKELNID VVGVSFHVGS  
GCTDPETFVQ AISDARCVFD MGAEVGFSMY LLDIGGGFPG SEDVKLFEE  
ITGVINPALD KYFPSDSGVR IIAEPGRYYV ASFTLAVNI IAKKIVLKEQ  
TGSDDEESS EQTFMYVND GUYGSFNCIL YDHAHVKPLL QKRPKPDEKY  
YSSSINGPTC DGLDRIVERC DLPEMHVGDW MLFENMGAYT VAAASTFNFG  
QRPTIYYVMS GPAWQLMQQF QNPDPPEVE EQDASTLPVS CAWESGMKRH  
RAACASASIN V
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for ODC recombinant protein	Enzyme & Kinase; Metabolic pathway; Tumor immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505489
NCBI GeneID	4953
NCBI Accession #	NP_002530.1
NCBI GenBank Nucleotide #	NP_002530.1
Molecular Weight	Predicted Molecular Mass: 54.7kDa Accurate Molecular Mass: 55kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	ornithine decarboxylase isoform 1
NCBI Official Synonym Full Names	ornithine decarboxylase 1
NCBI Official Symbol	ODC1
NCBI Official Synonym Symbols	ODC
NCBI Protein Information	ornithine decarboxylase
UniProt Protein Name	Ornithine decarboxylase
UniProt Gene Name	ODC1
UniProt Synonym Gene Names	ODC
UniProt Entry Name	DCOR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

