

Ornithine Decarboxylase (ODC) Recombinant Protein | ODC recombinant protein

Recombinant Ornithine Decarboxylase (ODC)

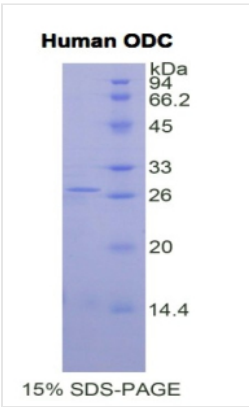
CATALOG # AAA134710	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.6, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	IGGGFPGSED VKLKFEETG VINPALDKYF PSDSGVRIIA EPGRYVVASA FTLAVNIIAK KIVLKEQTGS DDEDESSEQT FMYVNDGVY GSFNCILYDH AHVKPLLQKR PKPDEKYYSS SIWGPTCDGL DRIVERCDLP EMHVGDWMLF ENMGAYTVAA ASTFNGFQRP TIYYVMSGPA WQLMQQFQNP DFPPEVEEQD ASTLPVSCAW ESGMKRHRAA
Applicable Applications for ODC recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ile234~Ala453
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.1
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°C for one month. Aliquot and store at -80°C. 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°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.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505489
NCBI GeneID	4953
NCBI Accession #	NP_002530.1
NCBI GenBank Nucleotide #	NM_002539.2
UniProt Accession #	P11926; Q53TU3; Q6LDS9
Molecular Weight	Predicted Molecular Mass: 25.9kDa Accurate Molecular Mass: 27kDa 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/odc1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134710>