

Isocitrate Dehydrogenase 2 Recombinant Protein | IDH2 recombinant protein

Recombinant Isocitrate Dehydrogenase 2, mitochondrial (IDH2)

CATALOG # AAA144255	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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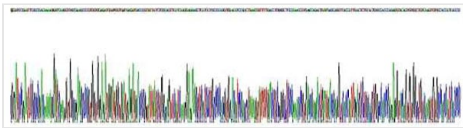
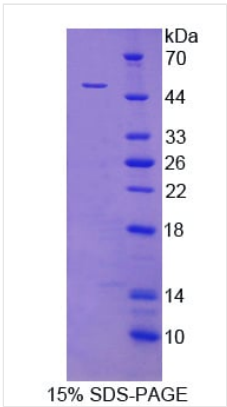
PRODUCT SYNONYMS

Isocitrate Dehydrogenase 2; Recombinant Isocitrate Dehydrogenase 2; mitochondrial (IDH2); IDH2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	ADKRIKVAKP VVEMDGDEMT RIIWQFIKEK LILPHVDIQL KYFDLGLPNR DQTDDQVTID SALATQKYSV AVKCATITPD EARVEEFKLK KMWKSPNGTI RNILGGTVFR EPIICKNIPR LVPGWTKPIT IGRHAHGDQY KATDFVADRA GTFKMVFTPK DGSGVKEWEV YNFPAGGVGM GMYNTDESIS GFAHSCFQYA IQKKWPLYMS TKNTILKAYD GRFKDIFQEI FDKHYKTDFD KNKIWYEHRL IDDMVAQVLK SSGGFVWACK NYDGDVQSDI LAQGFGSLGL MTSVLVCPDG KTIEAEAAHG TVTRHYREHQ KGRPTSTNPI ASIFAWTRGL EHRGKLDGNQ DLIRFAQMLE KVCVETVESG AMTKDLAGCI HGLSNVKLNE HFLNTTDFLD TIKSNLDRAL GRQ
Applicable Applications for IDH2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Ala40~Gln452
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion
Traits	Freeze-dried powder
Predicted isoelectric point	8.3
Reconstitution	Reconstitute in ddH ₂ O to a concentration of 0.1 - 1.0 mg/mL. Do not vortex.

IMAGES



Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	763708695
Molecular Weight	Predicted Molecular Mass: 50.3kDa Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	isocitrate dehydrogenase 2
UniProt Protein Name	Isocitrate dehydrogenase [NADP]
UniProt Entry Name	A0A0C5Q4W6_APHGO

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.

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Online datasheet: <https://stage.aaabiotech.com/isocitrate-dehydrogenase-2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144255>