



Recombinant *Kluyveromyces lactis* Isocitrate dehydrogenase [NAD] subunit 2, mitochondrial (IDH2)

Product Code	CSB-EP528404KBK-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O94230
Product Type	Recombinant Protein
Immunogen Species	<i>Kluyveromyces lactis</i> (strain ATCC 8585 / CBS 2359 / DSM 70799 / NBRC 1267 / NRRL Y-1140 / WM37) (Yeast) (<i>Candida sphaerica</i>)
Purity	≥85% (SDS-PAGE)
Sequence	ATKKQP SIGRYTGKPN PKTGKYTVSF IEGDGVGPEI SKSVKAIFSA AKVPIEWESC DVSPIFVNGL TTIPDPAVAS INKNLIALKG PLATPIGKGH RSLNLTLRKT FGLFANVRPA KSIEGYKTTY ENVNLVLIRE NTEGEYSGIE HVVAPGVVQS IKLITQDASE RVIRYAFEYA RAVDRSKVLV VHKSTIQRLA DGLFVDVAKK LSSEYPDIEL QTELLDNTVL KTVQHPEAYD DVVVVCPNLY GDILSDLNSG LSAGSLGLTP SANIGHTVSI FEAVHGSAPD IAGQNKANPT ALLLSSVMML NHMGLTEHAD KIEKAVLTTI ASDAKNRTGD LGGSASTSSF TDAVIERL
Source	E.coli
Target Names	IDH2
Protein Names	Recommended name: Isocitrate dehydrogenase [NAD] subunit 2, mitochondrial EC= 1.1.1.41 Alternative name(s): Isocitric dehydrogenase NAD(+)-specific ICDH
Expression Region	15-368
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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