



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Data Sheet

IDH2

Human, recombinant, C-terminal Flag-tag

Catalog #: 71074

Lot#: 110106-2 Conc.: 0.07 mg/ml

Formulated in: 45 mM Tris-HCl, pH 8.0, 124 mM NaCl, 2.4 mM KCl, 90 µg/ml FLAG peptide, 10% glycerol, and 3 mM DTT.

Stability: >6 months at -80 °C

References:

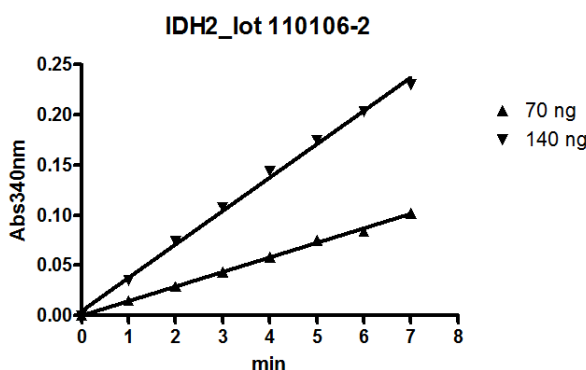
1. Schaap, F.G., *et al.*, *Adv Anat Pathol* 2013;**20(1)**:32-38.
2. Grassian, A.R., *et al.*, *J Biol Chem* 2012;**287(50)**:42180-42194.

Description: Human isocitrate dehydrogenase 2, also known as IDH2, (GenBank Accession No. NM_002168), a.a. 1-452(end) with C-terminal Flag-tag, MW = 52 kDa, expressed in a baculovirus infected Sf9 cell expression system.

Specific Activity: 14,200 pmol/min/µg.
 Assay conditions: The reaction mixture contained 50 mM Tris, pH 7.4, 5 mM MgCl₂, 200 µM DL-isocitrate, 200 µM NADP⁺, and various amount of IDH2 in a volume of 200 µL. Reactions were initiated with the addition of IDH2, and the increase in NADPH absorbance at 340 nm was continuously monitored for 7 min. Molar extinction coefficient of NADPH is 6,220 M⁻¹cm⁻¹.

Application: Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Assurance

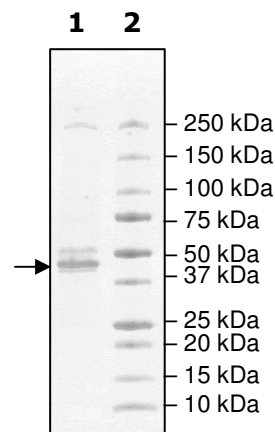


10% SDS-PAGE Coomassie staining

Lane 1:
1.4 µg IDH2

Lane 2:
Protein Marker

Purity: ≥59%
MW: 52 kDa



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

To place your order, please contact us by Phone **1.858.829.3082** Fax **1.858.481.8694**
 Or you can Email us at: info@bpsbioscience.com
 Please visit our website at: www.bpsbioscience.com



6044 Cornerstone Court West, Suite E
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Sequence:

MAGYLRVVRSLCRASGSRPAWAPAALTAPTSQEQPRRHYADKRIKVAKPVVEMDGDE
MTRIIWQFIKEKLILPHVDIQLKYFDLGLPNRDQTDDQVTIDSALATQKYSVAVKCATITP
DEARVEEFKLLKMWKSPNGTIRNILGGTVFREPIICKNIPRLVPGWTKPITIGRHAHGDQ
YKATDFVADRAGTFKMVFTPDKDGSVKEWEVYNFPAGGVGMGMNTDESISGFAHSC
FQYAIQKKWPLYMSTKNTILKAYDGRFKDIFQEIFDKHYKTDFDKNKIWEHRLIDDMVA
QVLKSSGGFVWACKNYDGDVQSDILAQQFGSLGLMTSVLVCPDGKTI EAEAAHGTVTR
HYREHQGRPTSTNPIASIFAWTRGLEHRGKLDGNQDLIRFAQMLEKVCVETVESGAM
TKDLAGCIHGLSNVKLNEHFLNTTDFLDTIKSNLDRALGRQDYKDDDDK

OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

To place your order, please contact us by Phone **1.858.829.3082** Fax **1.858.481.8694**
Or you can Email us at: info@bpsbioscience.com
Please visit our website at: www.bpsbioscience.com