



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) 

Datasheet

L2HGDH (Human) Recombinant Protein (P01)

Catalog Number: H00079944-P01

Regulation Status: For research use only (RUO)

Product Description: Human L2HGDH full-length ORF (AAH06117.1, 1 a.a. - 441 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVPALRYLVGACGRARGRFAGGSPGACGFASGRPRP
LCGGSRSASTSSFIVGGIVGLASARALILRHPSLSI
GVLEKEKDLAVHQTGHNHSGVIHSGIYYKPESLKAKLCV
QGAALLYEYCQQKGISYKQCGKLIVAVEQEEIPRLQAL
YEKGLQNGVPLRLIQQEDIKKKEPYCRGLMAIDCPHT
GIVDYRQVALSFAQDFQEAGGSVLTNFEVKGIEMAKE
SPSRSIDGMQYPIVIKNTKGEEIRCQYVVTAGLYSDRI
SELSGCTPDPRIVPFRGDYLLKPEKCYLVKGNIPVP
DSRFPFLGVHFTPRMDGSIWLGPNVAVLAFKREGYRPF
DFSATDVMDIIINSGLIKLASQNFSGVTEMYKACFLGA
TVKYLQKFIPEITISDILRQVAVRGP SWLWQQPMKVSD
NNIYCFLWRCFALLLTGSTCSFK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 74.9

Interspecies Antigen Sequence: Mouse (78); Rat (75)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 79944

Gene Symbol: L2HGDH

Gene Alias: C14orf160, DURANIN, FLJ12618

Gene Summary: This gene encodes L-2-hydroxyglutarate dehydrogenase, a FAD-dependent enzyme that oxidizes L-2-hydroxyglutarate to alpha-ketoglutarate in a variety of mammalian tissues. Mutations in this gene cause L-2-hydroxyglutaric aciduria, a rare autosomal recessive neurometabolic disorder resulting in moderate to severe mental retardation. [provided by RefSeq]