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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

XDH (Human) Recombinant Protein (Q01)

Catalog Number: H00007498-Q01

Regulation Status: For research use only (RUO)

Product Description: Human XDH partial ORF (NP_000370, 1234 a.a. - 1332 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

GSIPIEFRVSLLRDCPNKKAIYASKAVGEPPLFLAASIFF
AIKDAIRAARAQHTGNNVKELFRLDSPATPEKIRNACV
DKFTTLCVTGVPENCKPWSVR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.63

Interspecies Antigen Sequence: Mouse (88)

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: 7498

Gene Symbol: XDH

Gene Alias: XO, XOR

Gene Summary: Xanthine dehydrogenase belongs to the group of molybdenum-containing hydroxylases involved in the oxidative metabolism of purines. The

enzyme is a homodimer. Xanthine dehydrogenase can be converted to xanthine oxidase by reversible sulfhydryl oxidation or by irreversible proteolytic modification. Defects in xanthine dehydrogenase cause xanthinuria, may contribute to adult respiratory stress syndrome, and may potentiate influenza infection through an oxygen metabolite-dependent mechanism. [provided by RefSeq]