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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HGD (Human) Recombinant Protein (Q01)

have placed the gene at 3q2, 3q13.3-q21, 3q21-q24, 3q21-q23, or 3q25-q26. [provided by RefSeq]

Catalog Number: H00003081-Q01

Regulation Status: For research use only (RUO)

Product Description: Human HGD partial ORF (NP_000178, 377 a.a. - 445 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

CFEKASKVKLAPERIADGTMAFMFESSLSLAVTKWGL
KASRCLDENYHKCWEPLKSHFTPNSRNPAEPN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 33.33

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: 3081

Gene Symbol: HGD

Gene Alias: AKU, HGO

Gene Summary: Homogentisate 1,2-dioxygenase (HGD) gene mutations are the molecular cause of alkaptonuria, a rare hereditary disorder of the phenylalanine catabolism. The highest expression of HGD is in the prostate, small intestine, colon, and liver. The HGD gene contains 14 exons. Conflicting reports