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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HFE (Human) Recombinant Protein (Q01)

Catalog Number: H00003077-Q01

Regulation Status: For research use only (RUO)

Product Description: Human HFE partial ORF (NP_000401, 115 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

SHTLQVILGCEMQEDNSTEGYWKYGYDQGQDHLEFCP
DTLDWRAAEPRAWPTKLEWERHKIRARQNRAYLERD
CPAQLQQLLELGRGVLDQQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 35.75

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: 3077

Gene Symbol: HFE

Gene Alias: HFE1, HH, HLA-H, MGC103790, dJ221C16.10.1

Gene Summary: The protein encoded by this gene is a membrane protein that is similar to MHC class I-type proteins and associates with beta2-microglobulin (beta2M). It is thought that this protein functions to

regulate iron absorption by regulating the interaction of the transferrin receptor with transferrin. The iron storage disorder, hereditary haemochromatosis, is a recessive genetic disorder that results from defects in this gene. At least nine alternatively spliced variants have been described for this gene. Additional variants have been found but their full-length nature has not been determined. [provided by RefSeq]