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- Trockeneiszuschlag
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Datasheet

SLC11A2 (Human) Recombinant Protein (Q01)

12209011]; Ludwiczek et al., 2007 [PubMed 17293870)].[supplied by OMIM]

Catalog Number: H00004891-Q01**Regulation Status:** For research use only (RUO)**Product Description:** Human SLC11A2 partial ORF (NP_000608, 1 a.a. - 65 a.a.) recombinant protein with GST-tag at N-terminal.**Sequence:**MVLGPEQKMSDDSVSGDHGESASLGNINPAYSNPSL
SQSPGDSEEFATYFNEKISIPHEEEYSCF**Host:** Wheat Germ (in vitro)**Theoretical MW (kDa):** 32.89**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:** 4891**Gene Symbol:** SLC11A2**Gene Alias:** DCT1, DMT1, FLJ37416, NRAMP2**Gene Summary:** The SLC11A2 gene encodes a divalent metal transporter (DMT1), which carries iron, manganese, cobalt, nickel, cadmium, lead, copper, and zinc. DMT1 participates in cellular iron absorption at the luminal surface of the duodenum as well as in other areas of the body (Hubert and Hentze, 2002 [PubMed