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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLC25A13 (Human) Recombinant Protein (P01)

Catalog Number: H00010165-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC25A13 full-length ORF (NP_055066.1, 1 a.a. - 675 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAAAKVALTKRADPAELRTIFLKYASIEKNGEFFMSPN
DFVTRYLNIFGESQPNPKTVELLSGVVDQTKDGLISFQ
EFVAFESVLCAPDALFMVAFQLFDKAGKGEVTFEDVK
QVFGQTTIHQHIPFNWDSEFVQLHFGKERKRHLTYAE
FTQFLLEIQLEHAKQAFVQRDNARTGRVTAIDFRDIMV
TIRPHVLT PPFVEECLVAAAGGTTSHQVSFSYFNGFNLS
LNNMELIRKIYSTLAGTRKDVEVTKEEFVLAQKFGQV
TPMEVDILFQLADLYEPRGRMTLADIERIAPLEEGTLPF
NLAEAQRQKASGDSARPVLLQVAESAYRFGGLGSVAG
AVGATAVYPIDLVKTRMQNQRSTGSFVGELMYKNSFD
CFKKVLR YEGFFGLYRGLLPQLLGVAPKAIKLT V NDF
VRDKFMHKDGSVPLAAEILAGGCAGGSQVIFTNPLEIV
KIRLQVAGEITTGPRVSALS VVRDLGFFGIYKGAACFL
RDIPFSAIYFPCYAHVKASFANEDGQVSPGSLLAGAIA
GMPAASLVTPADV I KTRLQVAARAGQTTYSGVIDCFRK
ILREEGPKALWKGAGARVFRSSPQFGVTLLTYELLQR
WFYIDFGGVKPMGSEPVPKSRINLPAPNPDHVG GYKL
AVATFAGIENKFGLYLPLFKPSVSTSKAIGGGP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 100.6

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: 10165

Gene Symbol: SLC25A13

Gene Alias: ARALAR2, CITRIN, CTLN2

Gene Summary: This gene is a member of the mitochondrial carrier family. The encoded protein contains four EF-hand Ca(2+) binding motifs in the N-terminal domain, and localizes to mitochondria. The protein catalyzes the exchange of aspartate for glutamate and a proton across the inner mitochondrial membrane, and is stimulated by calcium on the external side of the inner mitochondrial membrane. Mutations in this gene result in citrullinemia, type II. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]