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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CTNS (Human) Recombinant Protein (P01)

Catalog Number: H00001497-P01

Regulation Status: For research use only (RUO)

Product Description: Human CTNS full-length ORF (AAH32850.1, 1 a.a. - 400 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MIRNWLTI FILFPLKLVEKCESSVSLTVPPVVKLENGSS
TNVSLTLRPPLNATLVITFEITFRSKNITILELPDEVVPP
GVTNSSFQVTSQNVGQLTVYLHGNHSNQTGPRIRFLV
IRSSAISINQVIGWIYFVAWSISFY PQVIMNWRKSVIG
LSFDFVALNLTGFVAYS VFNIGLLWVPYIKEQFLLKYPN
GVNPVNSNDVFFSLHAVVLTIIIVQCCLYERGGQRVS
WPAIGFLVLAWLFAFVTMIVAAGVITWLQFLFCFSYIK
LAVTLVKYFPQAYMNFYKSTEGWSIGNVLLDFTGGS
FSLLQMFLQSYNNDQWTLIFGDPTKFG LGVFSIVFDVV
FFIQHFCLYRKRPGLQAARTGSGSRLRQDWAPSLQPK
ALPQTTSVSASSLKG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 71.5

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: 1497

Gene Symbol: CTNS

Gene Alias: CTNS-LSB, PQLC4

Gene Summary: This gene encodes a seven-transmembrane domain protein that functions to transport cystine out of lysosomes. Its activity is driven by the H⁺ electrochemical gradient of the lysosomal membrane. Mutations in this gene cause cystinosis, a lysosomal storage disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq]