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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLC7A9 (Human) Recombinant Protein (P01)

Catalog Number: H00011136-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC7A9 full-length ORF (NP_055085.1, 1 a.a. - 487 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGDTGLRKRREDEKSIQSQEPKTTSLQKELGLISGISII
VGTIIGSGIFVSPKSVLSNTEAVGPCLIIWAACGVLATLG
ALCFAELGTMITKSGGEYPYLMEAYGPIPAYLFSWASLI
VIKPTSFAIICLSFSEYVCAPFYVGCKPPQIVVKCLAAAA
ILFISTVNSLSVRLGSYVQNIFTAAKLIVIVAIISGLVLLAQ
GNTKNFDNSFEGAQLSVGAISLAFYNGLWAYDGWNQ
LNYITEELRNPYRNPLAIIIGIPLVTACYILMNVSYFTVM
TATELLQSQAVAVTFGDRVLYPASWIVPLFVAFSTIGA
ANGTCFTAGRLIYVAGREGHMLKVLSYISVRRLLTPAPAI
IFYGIIATIIYIIPGDINSLVNYFSFAAWLFYGLTILGLIVMR
FTRKELERPIKVPVVIPVLMTLISVFLVLAPIISKPTWEYL
YCVLFILSGLLFYFLFVHYKFGWAQKISKPTMHLQMLM
EVPPEEDPE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 79.9

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: 11136

Gene Symbol: SLC7A9

Gene Alias: BAT1, CSNU3, FLJ94301

Gene Summary: This gene encodes a protein that belongs to a family of light subunits of amino acid transporters. This protein plays a role in the high-affinity and sodium-independent transport of cystine and neutral and dibasic amino acids, and appears to function in the reabsorption of cystine in the kidney tubule. Mutations in this gene cause non-type I cystinuria, a disease that leads to cystine stones in the urinary system due to impaired transport of cystine and dibasic amino acids. Two transcript variants, which encode the same protein, have been found for this gene. [provided by RefSeq]