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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLC7A7 (Human) Recombinant Protein (P02)

Catalog Number: H00009056-P02

Regulation Status: For research use only (RUO)

Product Description: Human SLC7A7 full-length ORF (AAH03062.1, 1 a.a. - 511 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVDSTEYEVASQPEVETSPLGDGASPGPEQVKLKKEI
SLLNGVCLIVGNMIGSGIFVSPKGVLIYSASFGLSLVIW
AVGGLFSVFGALCYAELGTTIKKSGASYAYILEAFGGFL
AFIRLWTSLLIIEPTSQAIITFANYMVQPLFPSCFAPYA
ASRLAAACICLLTFINCA YVKWGTLVQDIFTYAKVLALI
AVIVAGIVRLGQGASTHFENSFEGSSFAVGDIALLALYSA
LFSYSGWDTLNYVTEEIKNPERNLPLSIGISMPIVTIYIL
TNVAYYTVLDMRDILASDAVAVTFADQIFGIFNWIPLSV
ALSCFGLNASIVAASRLFFVGSREGHLPDAICMIHVE
RFTPVPSELLFNGIMALIYLCVEDIFQLINYYSFSYWFFV
GLSIVGQLYLRWKEPDRPRPLKLSVFFPIVFCLCTIFLV
AVPLYSDTINSLIGIAIALSGLPFYFLIIRVPEHKRPLYLR
RIVGSATRYLQVLCMSVAAEMDLEDGGEMPKQRDPK
SN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 82.4

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: 9056

Gene Symbol: SLC7A7

Gene Alias: LAT3, LPI, MOP-2, Y+LAT1, y+LAT-1

Gene Summary: The protein encoded by this gene is the light subunit of a cationic amino acid transporter. This sodium-independent transporter is formed when the light subunit encoded by this gene dimerizes with the heavy subunit transporter protein SLC3A2. This transporter is found in epithelial cell membranes where it transfers cationic and large neutral amino acids from the cell to the extracellular space. Defects in this gene are a cause of lysinuric protein intolerance (LPI). Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]