

Recombinant Human SLC22A2 Protein (P2-N555), 8xHis-MBP, Flag tagged

Cat. No. SLC22A2-0675H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human 8His-MBP-TEV-(GG)-SLC22A2(P2-N555)-Flag Protein was expressed in Insect cell. |
| Species | Human |
| Source | Insect Cells |
| ProteinLength | P2-N555 |
| Description | Mediates tubular uptake of organic compounds from circulation. Mediates the influx of agmatine, dopamine, noradrenaline (norepinephrine), serotonin, choline, famotidine, ranitidine, histamine, creatinine, amantadine, memantine, acriflavine, 4-[4-(dimethylamino)-styryl]-N-methylpyridinium ASP, amiloride, metformin, N-1-methylnicotinamide (N MN), tetraethylammonium (TEA), 1-methyl-4-phenylpyridinium (MPP), cimetidine, cisplatin and oxaliplatin. Cisplatin may develop a nephrotoxic action. Transport of creatinine is inhibited by fluoroquinolones such as DX-619 and LVFX. This transporter is a major determinant of the anticancer activity of oxaliplatin and may contribute to antitumor activity or specificity. |
| Form | Liquid |
| Endotoxin | < 0.01 EU per µg of the protein |
| Purity | 80% |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-----------------------|---|
| Stability | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. |
| Storage | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Formulation: |
| Shipping | It is shipped out with blue ice. |

GENE INFORMATION

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|------------------------|--|
| Gene Name | SLC22A2 solute carrier family 22 (organic cation transporter), member 2 [Homo sapiens (human)] |
| Official Symbol | SLC22A2 |
| Synonyms | SLC22A2; solute carrier family 22 (organic cation transporter), member 2; solute carrier family 22 member 2; OCT2; organic cation transporter 2; MGC32628; |
| Gene ID | 6582 |
| mRNA Refseq | NM_003058 |
| Protein Refseq | NP_003049 |
| MIM | 602608 |
| UniProt ID | O15244 |

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