

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

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

SPECIFICATION

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 specificity.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	80%

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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

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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