Recombinant Human SLC14A1 protein, GST-tagged

Cat. No. SLC14A1-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC14A1(1 a.a. - 389 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-389 a.a.
Description	The protein encoded by this gene is a membrane transporter that mediates urea transport in erythrocytes. This gene forms the basis for the Kidd blood group system.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	68.9 kDa
AA Sequence	MEDSPTMVRVDSPTMVRGENQVSPCQGRRCFPKALGYVTGDMKELANQLKDKPV VLQFIDWILRGISQVVFVNNPVSGILILVGLLVQNPWWALTGWLGTVVSTLMALLLSQ DRSLIASGLYGYNATLVGVLMAVFSDKGDYFWWLLLPVCAMSMTCPIFSSALNSVLS KWDLPVFTLPFNMALSMYLSATGHYNPFFPAKLVIPITTAPNISWSDLSALELLKSIPV GVGQIYGCDNPWTGGIFLGAILLSSPLMCLHAAIGSLLGIAAGLSLSAPFENIYFGLW GFNSSLACIAMGGMFMALTWQTHLLALGCALFTAYLGVGMANFMAEVGLPACTWP FCLATLLFLIMTTKNSNIYKMPLSKVTYPEENRIFYLQAKKRMVESPL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

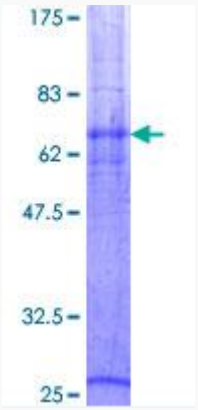
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	Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SLC14A1 solute carrier family 14 (urea transporter), member 1 (Kidd blood group) [Homo sapiens]
Official Symbol	SLC14A1
Synonyms	SLC14A1; solute carrier family 14 (urea transporter), member 1 (Kidd blood group); JK; urea transporter 1; HsT1341; RACH1; RACH2; SLC14A1 JK; urea transporter-B1; urea transporter, erythrocyte; urea transporter JK glycoprotein; UT1; UTE; HUT11; UT-B1; FLJ33745; FLJ41687;
Gene ID	6563
mRNA Refseq	NM_001128588
Protein Refseq	NP_001122060
MIM	613868
UniProt ID	Q13336
Chromosome Location	18q11-q12
Pathway	SLC-mediated transmembrane transport, organism-specific biosystem;

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	Transmembrane transport of small molecules, organism-specific biosystem; Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds, organism-specific biosystem;
Function	urea transmembrane transporter activity; water transmembrane transporter activity;
	

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