

Recombinant Full Length Human SLC14A1 Protein, GST-tagged

Cat. No. SLC14A1-690HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant full length Human SLC14A1(1 a.a. - 389 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.

Species Human

Source In Vitro Cell Free System

ProteinLength 389 amino acids

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

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MEDSPTMVRV DSPTMVRGEN QVSPCQGRRC FPKALGYVTG DMKELANQLK
DKPVVLQFID WILRGISQVV FVNNPVSGIL ILVGLLVQNP WWALTGWLGT
VVSTLMALLL SQDRSLIASG LYGYNATLVG VLMAVFSDKG DYFWWLLLPV
CAMSMTCPHF SSALNSVLSK WDLPVFTLPF NMALSMYLSA TGHYNPFFPA
KLVIPITTAP NISWSDLSAL ELLKSIPVGV GQIYGCDNPW TGGIFLGAIL
LSSPLMCLHA AIGSLLGIAA GLSLSAPFEN IYFGLWGFNS SLACIAMGGM
FMALTWQTHL LALGCALFTA YLGVGMANFM AEVGLPACTW PFCLATLLFL
IMTTKNSNIY KMPLSKVTYP EENRIFYLQA KCRMVESPL

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Applications Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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

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