

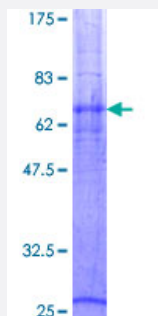
Full-Length

SLC14A1 (Human) Recombinant Protein (P01)

Catalog # H00006563-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC14A1 full-length ORF (AAH50539.1, 1 a.a. - 389 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEDSPTMVRVDSPTMVRGENQVSPCQGRRCFPKALGYVTGDMKELANQLKDKPVVLQFIDWIL
RGISQVVFVNNPVSIGILVGLLVQNPWWALTGWLGTVVSTLMALLSQDRSLIASGLYGYNATLVG
VLMAVFSKGDYFWWLLPVCAMSMTCPIFSSALNSVLSKWDLPVFTLPFNMALSMYLSATGHY
NPFFPAKLVIPITTAPNISWSDLSALELLKSIPVGVGQYGCNPWTGGIFLGAILLSSPLMCLHAAIG
SLLGIAAGLSLSAPFENYFGLWGFNSSLACIAMGGMFMALTWQTHLLALGCALFTAYLGVGMANF
MAEVGLPACTWPFCLATLLFLIMTTKNSNYKMPLSKVTYPEENRIFYLQAKKRMVESPL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.9

Interspecies Antigen Sequence

Mouse (84)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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.

Note

Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — SLC14A1

Entrez GeneID[6563](#)**GeneBank Accession#**[BC050539.1](#)**Protein Accession#**[AAH50539.1](#)**Gene Name**

SLC14A1

Gene Alias

FLJ33745, FLJ41687, HUT11, HsT1341, JK, RACH1, UT-B1, UT1, UTE

Gene Description

solute carrier family 14 (urea transporter), member 1 (Kidd blood group)

Omim ID[111000](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

blood group Kidd urea transporter|kidd (JK) blood group/urea transporter-B1|solute carrier family 14 (urea transporter), member 1|urea transporter JK glycoprotein|urea transporter-B1

Disease

- [Genetic Predisposition to Disease](#)

- [Hyperparathyroidism](#)
- [Tobacco Use Disorder](#)