

Recombinant Full Length Mouse Urea Transporter 1(Slc14A1) Protein, Tag-Free

Cat. No. RFL34494MF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Full Length Mouse Urea transporter 1(Slc14a1) Protein (Q8VHL0) (1-384aa) was expressed in E. coli. |
| Species | Mus musculus |
| Source | E.coli |
| ProteinLength | Full Length (1-384) |
| Form | Lyophilized powder |
| AA Sequence | <p>MEDSPTMVKVDRGENQILSCRGRRCGFKVLGYVTGDMKEFANWLKDKPVVLQFMD WILRGISQVVFVSNPISGILILVGLLVQNPWWALCGCVGTVVSTLTALLLSQDRSAIAA GLQGYNATLVGILMAVFSNKGDYFWWLIFPVSAMSMTCPVFSSALSSVLSKWDLPV FTLPFNMALSMYLSATGHYNTFFPSKLFPTVSSVPNITWSELSALELLKSLPVGVGQI YGCDNPWTGGIFLCAILLSSPLMCLHAAIGSLLGVIAGLSLAAPFEDIYFGLWGFNSSL ACIAIGGMFMALTWQTHLLALACALFTAYFGACMAHLMVVHLPACTWSFCLATLLF LLLTTKNPNIYRMPLSKVTYSEENRIFYLQNKKRMVESPL</p> <p>Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.</p> |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C |

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for up to one week.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name

Slc14a1

Synonyms

Slc14a1 Urea transporter 1; Solute carrier family 14 member 1; Urea transporter B; UT-B; Urea transporter; erythrocyte

UniProt ID

[Q8VHLO](#)

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