

Recombinant Full Length Human SLC14A1 Protein, C-Flag-tagged

Cat. No. SLC14A1-1250HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SLC14A1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	42.3 kDa
AA Sequence	MEDSPTMVRVDSPTMVRGENQVSPCQGRRCFPKALGYVTGDMKELANQLKDKPV VLQFIDWILRGISQVV FVNNPVSGILILVGLLVQNPWWALTGWLGTVVSTLMALLLSQ DRSLIASGLYGYNATLVGVLMVAFSDKG DYFWWLLLPVCAMSMTCPIFSSALNSVL SKWDLPVFTLPFNMALSMYLSATGHYNPFFPAKLVIPITTAP NISWSDLSALELLKSIP VGVGQIYGCDNPWTGGIFLGAILLSSPLMCLHAAIGSLLGIAAGLSLSAPFEN IYFGL WGFNSSLACIAMGGMFMALTWQTHLLALGCALFTAYLGVGMANFMAEVGLPACTW PFCLATLLFL IMTTKNSNIYKMPLSKVTYPEENRIFYLQAKKRMVESPLTRTRPLEQKLISEEDLAAN DILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	SLC14A1 solute carrier family 14 member 1 (Kidd blood group) [Homo sapiens (human)]
Official Symbol	SLC14A1
Synonyms	JK; UT1; UTE; HUT11; Jk(a); Jk(b); RACH1; RACH2; UT-B1; HUT11A; HsT1341
Gene ID	6563
mRNA Refseq	NM_015865.7
Protein Refseq	NP_056949.4

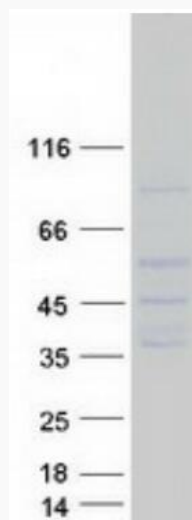
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MIM 613868

UniProt ID Q13336



Coomassie blue staining of purified SLC14A1 protein.

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