

# Recombinant Human SLC12A4 Protein (P2-S1085), 8xHis-MBP, Flag tagged

Cat. No. SLC12A4-0661H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human 8His-MBP-TEV-(GG)-SLC12A4(P2-S1085)-Flag Protein was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	P2-S1085
<b>Description</b>	Mediates electroneutral potassium-chloride cotransport when activated by cell swelling. May contribute to cell volume homeostasis in single cells. May be involved in the regulation of basolateral Cl <sup>-</sup> exit in NaCl absorbing epithelia.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	80%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage Buffer**                      Formulation:

**Shipping**                              It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name**                              SLC12A4 solute carrier family 12 (potassium/chloride transporters), member 4 [ Homo sapiens (human) ]

**Official Symbol**                        SLC12A4

**Synonyms**                                SLC12A4; solute carrier family 12 (potassium/chloride transporters), member 4; solute carrier family 12 member 4; KCC1; hKCC1; K-Cl cotransporter; erythroid K:Cl cotransporter; erythroid K-Cl cotransporter 1; potassium/chloride cotransporter 1; electroneutral potassium-chloride cotransporter 1; FLJ17069; FLJ40489;

**Gene ID**                                    6560

**mRNA Refseq**                            NM\_001145961

**Protein Refseq**                           NP\_001139433

**MIM**                                        604119

**UniProt ID**                                Q9UP95

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