

Recombinant Human SLC12A4

Catalog No: #GP10767

Package Size: #GP10767-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human SLC12A4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 866-1085 amino acids of human solute carrier family 12 (potassium/chloride transporters), member 4
Target Name	solute carrier family 12 (potassium/chloride transporters), member 4
Other Names	KCC1
Accession No.	Swissprot:Q9UP95Gene Accession:BC021193
Uniprot	Q9UP95
GeneID	6560;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the SLC12A transporter family. The encoded protein mediates the coupled movement of potassium and chloride ions across the plasma membrane. This gene is expressed ubiquitously. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. 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⁻ exit in NaCl absorbing epithelia.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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